



# आरत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

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No. 1] NEW DELHI, SATURDAY, JANUARY 4, 1997 (PAUSA 14,1918)

इस माग में भिन्न प्राचुर्य दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

### भाग III—खण्ड २

[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सन्दर्भित अधिकारियों और नोटिस  
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Calcutta, the 4th January 1997

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1—397 GI/96

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## पेटैंट कार्यालय

## एकत्र सथा अभिकल्प

कलकत्ता, विनांक 4 जनवरी 1997

## पेटैंट कार्यालय शास्त्रा,

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मद्रास-600002।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु तथा  
पाण्डिचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र जश्वरीप,  
मिनिकार्य तथा एग्जिनियरिंग व्यापार।

तार पता—"पेटौफिस"

पेटैंट कार्यालय (प्रधान कार्यालय),  
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय,  
भवन. 5, 6 तथा 7वां तल,  
234/4, आषार्य जगदीश बोस मार्ग,  
कलकत्ता-700020।

भारत का अवशेष झंग।

तार पता—"पेटौट्स"

पेटैंट अधिनियम, 1970 या पेटैंट नियम, 1972 में अप्रैलित सभी आयोदन-पत्र, सचिनाएँ, विवरण या अन्य प्रसेस पेटैंट कार्यालय के क्षेत्र उपयुक्त कार्यालय में ही प्राप्त किये जायेंगे।

**शुल्क :**—शुल्कों की अदायगी या हो नकद की जाएगी अथवा उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य भनावेश अथवा डाक आदेश या जहा उपयुक्त कार्यालय अवस्थित है; उस स्थान के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक द्वापर्य अथवा अैक द्वारा की जा सकती है।

## CORRIGENDUM

In the Gazette of India part III Section 2 dated 29th December, 1990 under heading "COMPLETE SPECIFICATION ACCEPTED" the title of invention in respect of patent No. 167830 appeared as "MEDICINE FOR CURING OR PREVENTING BAD EFFECT OF DOGBITE ON HUMANS OR ANIMALS" shall be "METHOD FOR MARKING MEDICINE FOR CURING OR PREVENTING BAD EFFECT OF DOGBITE ON HUMANS OR ANIMALS".

## APPLICATION FOR PATENT FILED AT THE HEAD OFFICE 234/4. ACHARYA JAGADISH BOSE ROAD. CALCUTTA-20.

The dates shown in the crescent bracket are the dated claimed under section 135. of the Patent Act. 1970,

16-09-1996

I639/Cal/96, Soumitra Ranjan Mukherjee,  
"Recovery",

1640/Cal/96, Saint-Gobain Vitrage. "Multicontact for antenna window" (Convention No. 19536131.8 on 28.09.95 in Germany)

1641/Cal/96, Gisela Gehr- "Re-Usable light bulb" (Convention No. 95/7762 on 15-9-95; 95/8187 on 29-09-95 & 96/1034 on 9-2-96 in South Africa,),

1642/Cal/96, LG Electronics Inc., "Operating method for air conditioner" (Convention No. 31440/1995 on 22-09-95 in Republic of Korea,),

1643/Cal/96, (1) Siemens Aktiengesellschaft: (2) Steag Aktiengesellschaft. "Method of operating a combustion unit of a coal-fired Power Plant with a slag tap furnace and a combustion Plant operating by this method," (Convention No. 19534558 .4 on 18-9-95 in Germany),

1644/Cal/96, Degussa Aktiengesellschaft, "Process for the Preparation of Vulcanisable rubber mixtures and the mixtures thus

- Prepared. "(Convention No. 19535394.3 on 23-09-95 & 19544469.8 on 29-11-95 in Germany).
- 1645/Cal/96, Hitachi. Ltd., "Insulated type switching" device" (Convention No, 7-249076 on 27-9-95 & 7-249078 on 27-9-95 in Japan),
- 1646/Cal/96, Takeda Chemical Industries. Ltd., "Triaxole Compounds, their Production and use "(Convention No. 244777-1995 on 22.9.95 in Japan),
- 1647/Cal/96, Trw Inc.. "Multiple altitude satellite relay system and method, "(Convention No. 08/694, 466 on 3-10-95 in U.S.A.).
- 1648/Cal/96, Wolters-plate CmbH. "Device for grinding of spinning Cylinders. (Convention No. 19534180.5 on 15-09-95 in Germany)
- 1649/Cal/96, Siemens Aktiengesellschaft. "Method for Producing very small structure width on a semiconductor substrate ", (Convention No, 19534780.3 on 19-9-95 in Germany)
- 1650/Cal/96 Siemens, Aktiengesellschaft. "Process for Producing the source regions of a flash eeprom memory cell array" (Convention No, 19534778.1 on 19-9-95 in Germany)
- 17-09-1996
- 1651/Cal/96, Pranab Kumar Mondal. "Nicotine free Cigarettes".
- 1652/Cal/96, Siemens Aktiengesellschaft. "Fluidconduit with integrated unpressurized return", (Convention No, 19536219.5 on 28-09-95 in Germany)
- 1653/Cal/96, RON Richards Engine Technologies Pvt. Ltd., "rotary internal combustion engines" (Convention No, PN 5504 & PN 5505 on 19-09-1995 in Australia),
- 1654/Cal/96, Beloit Technologies. Inc., "Cleaner with inverted Hydrocyclone" (Convention No. 539, 445 on 5-10-95 in U.S.A.)
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- 1655/Cal/96, Philips Electronics N. V. "Circuit arrangement comprising a differential amplifier", (Convention No, 19534873.) on 20th September. 1995 in Germany)
- 1656/Cal/96, S.N. Electrotalk industries. "An improved choke for tubeiglit and tube-light system having the same"
- 1657/Cal/96, Besco Limited. "An improved coupler for coupling heavy rail road wagons/ locos".
- 1658/Cal/96, Fukuoku Kagaku Ltd., "Apparatus for vibrating seats", (Convention No. 8-149377 on 11-06-96 in Japan),
- 1659/Cal/96, CMS Gilbreth Packaging systems. Inc., "Labelling Machine with improved cutter assembly", (Convention No, 08/532.361 in U. S. A.),
- 1660/Cal/96, The Nash Engineering Company- Fluid Bearing Pads", (Convention No, 08/533.840 on 26-09-95 in U.S.A.)
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- 1661/Cal/96 Siemens Aktiengesellschaft. "Burner. Especially for a Gas Turbine" (Convention No, 19535287.4 on 22-09-95 in Germany),
- 1662/Cal/95, Siemens Aktiengesellschaft, "Mounting for silencers", (Convention No, 19535811 .0 on 26.09-95 in Germany)."
- 1663/Cal/96, LG Electronics Inc., "A heat Exchange Appratus" (Convention No. 1995-31341 on 22-9-95 in Republic of Korea)
- 1664/Cal/96, Long-hsiung Chen, "Structure of safety" hypodermic syringe".
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- 1667/Cal/96, Samsung Electronics Co. Ltd., "Ice cube tray assembly for refrigerators "(Convention No, 95-65560 on 29-12-1995 in Korea),
- 1668/Cal/96, Ashmont Holdings Limited. "Anthelmintic macrocyclic lactone compositions and Process thereof" (Convention No, 280085 on 25/09/1995 & 280134 on 29/09/1995 in New Zealand).
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- 1670/Cal/96, Siemens Aktiengesellschaft, "Switching network for communication devices-- (Convention No, 19536522.4 on 29-09-1995 in Germany)",
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MARKET BUILDING, III RD FLOOR, KAROL  
BAGH, NEW DELHI.

26-12-1995

- 2403/Del/95 CCL Systems Limited, England. "Anchorage Assembly." (Convention Date 24th December, 1994 and 6th October, 1995)—U.K.
- 2404/Del/95 Jagannath Prasad Agrawal, U.S.A., A Synchronous Transfer Mode Packet Switch," (Convention Date 2nd August, 1995)-USA.
- 2405/Del/95 The Procter & Gamble Company, U.S.A. "A Detergent Composition Comprising Cellulolytic Enzyme." (Convention Date 31st December, 1994)—U.K.
- 2406/Del/95 LG Electronics Inc., Korea. "Structure of Heat Exchanger,"
- 2407/Del/95 Ciba-Geigy AG., Switzerland. "Low-Dust Granules of Plastic Additives." (Convention Date 28th December, 1994 and 12th April, 1995)—U.S.A.
- 2408/Del/95 Bayer Aktiengesellschaft, Germany. "2, 8-Disubstituted Quinazolinones." (Convention Date 19th January, 1995), —Germany.
- 2409/Del/95 Schering Aktiengesellschaft, Germany—"1417-C<sub>2</sub>-Bridged Norppoles crown Steroids." (Convention Date 23rd December, 1994)—Germany."
- 2410/Del/95 Praxair Technology. Inc. U. S. A. "Improved Adsorption Flow Distribution—"
- 2411/Del/95 Salbu Research and Development (Proprietary) Limited, South Africa—"Adaptive Communication System—"
- 2412/Del/95 Bayer Aktiengesellschaft, Germany. "Process for the Preparation of 5-substituted 2-Chloropyridines," (Convention Date 19th Janauary, 1995)—Germany."
- 2413/Del/95 Nippon Steel Corporation, Japan. "Continuous Casting Method of Billet and Casting Mold for said Method." (Convention Date 28th December, 1994) —Japan."
- 2414/Del/95 Agrolinz Melamin GMBH., Austria. "Modified Melamine Resine and use thereof for producing postforming Laminates."

- 2415/Del/95 Enviroresearch Pty Limited, Australia. "Apparatus for Biomass Production." (Convention Date 13th January, 1995)—Australia."
- 2416/Del/95 Kabushiki Kaisha Toshiba, Japan. "Image Information Encoding Decoding System."
- 27-12-1995
- 2417/Del/95 DLW Aktiengesellschaft, Germany, Planar Structure of Secondary-Growth Raw Materials," (Convention Date 13th November, 1995)—U.K.
- 2418/Del/95 Biotimc. Inc., U.S.A., "Plasma Expanders and Blood Substitutes."
- 2419/Del/95 The Goodyear Tire & Rubber Company, U.S.A. "A method and Apparatus for building a Laminate and Forming A Carcass for a Tire from an assembly of Tire Components—"
- 2420/Del/95 Energy Convertors, Inc., and Rheem Manufacturing Company, U.S.A., "Polymeric Resistance Heating Element."
- 2421/Del/95 The Goodyear Tire & Rubber Company, U.S.A., "A Pneumatic Tire and an Unvulcanised Carcass as an Intermediate Article in its Manufacture."
- 2422/Del/95 Sony Corporation, Japan. "Data Reproducing Method and Apparatus—"
- 2423/Del/95 Warner-Lambert Company, U.S.A. Bi-Directional Wirewrapped Blade Cartridge," (Convention Date 31st March, 1995)—U.S.A.,
- 2424/Del/95 Sony Corporation, Japan. "Apparatus and Method for processing a Video Signal—"
- 2425/Del/95 Texas, S.A. Spain. "A Process for Preparation and a Composition employed therein, based on Thermoplastic Polymers for Sealing and Soundproofing Applications."
- 2426/Del/95 Kabushiki Kaisha Advance, Japan. "Authentication System and Transaction System using the Authentication System—" (Convention Date 28th December, 1994 and 16th March, 1995)-Japan."
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2428/Del/95	Bentley-Harris Inc.. "U.S.A." Reflective Foam Sleeve,"	2441/Del/95	Council of Scientific and Industrial Research, New Delhi. "A Process for the Preparation of Formulation from Natural products Useful as Pest Repellent for Stored Products,"
2429/Del/95	Usinor-Sacilor." and Thyssen Stahl Aktiengesellschaft," Germany." Control process for Twin-Roll Continuous	2442/Del/95	Council for Scientific and Industrial Research, New Delhi. "A Process for the Preparation of Biocide Useful for the protection of Seed and Vegetative Propagules,"
2430/Del/95	"U.S.A." Plunge Cutter with Uni Seats," (Convention Date January, 1995)-U.S.A."	2443/Del/95	Council of Scientific and Industrial Research, New Delhi, "A process for the Preparation of Fungicide,"
2431/Del/95	Alliedsigna Inc., "U.S.A., "Display Screen Device with XX Array of Tapered Waveguides," (Convention Date 12th January. 1995)-U.S.A.	2444/Del/95	Council of Scientific and Industrial Research, New Delhi. "A Process for the Preparation of Plant Growth Stimulant (1-Triacontanol) from Rice Bran Wax.
2432/Del/95	Alliedsicanal Inc., "U.S.A., "Light Directing Optical Structure," (Convention Date 23rd January. 1995)-U.S.A.	2445/Del/95	An Enzymic Method for the Reduction of Phosphorus Content of Crude Ricebran Oil.
2433/Del/95	Laboratorios Cusl. S.A., "Spain." Pharmaceutical Bottle of two Separate Substances with mixing Device. Dosed Application and Assembly process Thereof," (Convention Date 4th December. 1995)-Spain,"	2446/Del/95	Council of Scientific and Industrial Research, New Delhi. "A Process for the Preparation of a Novel Synthetic Peptide Epitope Useful for Diagnosis of Aspergillosis,"
2434/Del/95	Interdigital Technology Corporation. U.S.A. "Spread Spectrum System and Method." (Convention Date 4th January. 1995)--U.S.A.	2447/Del/95	Council of Scientific and Industrial Research, New Delhi. "An Improved Process for the Production of Matrix Board (Stereoflong) Useful for Making Metal Stereo plate and A Matrix Board made thereby."
	29-12-95	2448/DEL/95	Council of Scientific and Industrial Research, New Delhi. "A Novel enrichment Technique for the development of Microbial consortia capable of degrading-Alpha : Beta : Gamma., and Delta-isomers of hexachlorocyclohexane.
2435/Del/95	Mr. Mohan Ray and Mes, Vibha Ray. "Chandigarh." "An improved Device for Teaching and Learning of Alphabets of Various Languages,"	2449/DEL/95	Council of Scientific and Industrial Research, New Delhi. "A Process for making Petroleum Derived pitch for conversion into carbon fibres."
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2437/Del/95	Council of Scientific and Industrial Research, New Delhi. "A process for the preparation of an Alkaline protease from an Alkalophilic Streptomyces in Semi-Solid Fermentation."	2451/DEL/95	Council of Scientific and Industrial Research. New Delhi. "A Process for the manufacture of Aluminium Alloy composite reinforced with hard particles."
2438/Del/95	Council of Scientific and Industrial Research, New Delhi. "An Improved Composition for the Preparation of Composites of B-Sialon."		
2439/Del/95	Council of Scientific and Industrial Research. New Delhi. "An Improved Process for the Isolation of Oryzanol from Crude Dark Acid Oil (Rice Bran)."		

2452/DEL/95	Council of Scientific and Industrial Research, New Delhi. "Process for the preparation of L-Alanyl-Cyclcyl-Clycle -L- Aspartyl-G lycyl- L Lysyl derivatives with antiastmmatic/ Antiallergic activity."	2462/Del/95	Council of Scientific and Industrial Research, New Delhi. A process for the Preparation of Organotin Compounds which are useful as Cytotoxic agents."
2453/DEL/95	Council of Scientific and Industrial Research, New Delhi. "A Process for the preparation of ion conductions conducting polymen blend useful for separation of protlins using an isoelectric focussion unit".	2463/Del/95	Council of Scientific and Industrial Research, New Delhi. A process for the Preparation of Branched poly (Arylcarbonate)s."
2454/DEL/95	CSIR, New DELHI An improved PIT prop useful for sup- porting mine/Tunnel Rodes.	2464/Del/95	Council of Scientific and Industrial Research, New Delhi. A Process for the Preparation of Dihydroasperoside and Dihydrosiredloside having Machdfllaricidal Activity but Devoid of Cardiac Toxicity."
2455/DEL/95	Council of Scientific and Industrial research, NewDelhi. "A formulation useful for the stabili- sation of whole Coconut Milk and A process for the Stabilisation of coconut Milk."	2465/Del/95	Council of Scientific and Industrial Research, New Delhi. An improved Process for the Production of 17- Ketostenoids useful Drugs."
2456/DEL/95	Council of Scientific and Industrial Research, New Delhi. "An Improved isoelectric unit useful for the prepa- ration of Proteins."	2466/Del/95	Council of Scientific and Industrial Research, New Delhi. An improved Process for the Oxidation of Benzene.
2457/DEL/95	Council of Scientific and Industrial Research. New Delhi. ' An improved process for the extraction of antibiotics from fermentation broths."	2467/Del/95	Council of Scientific and Industrial Research, New Delhi. An improved Process for the Production of 21- chlorosteroids from 20-Ketosooste- roids."
2458/DEL/95	Council of Scientific and Industrial Research. New Delhi. "An improved process for the convension of artemisinic acids to artmesnin."	2468/Del/95	Council of Scientific and Industrial Research, New Delhi. "An improved Process for the Preparation of Thermally conducting polymer Composite useful for mounting Thertmis tor Device on Metallic substrates,"
2459/DEL/95	Council of Scientific and Industrial, Research. New Delhi. A process for the preparation of, a Novel flux useful to the dephosphorizaition of high carbon ferrmanganese and an improved . process therefor using the said flu*.	2469/Del/95	Council of Scientific and Industrial Research. New Delhi. A Process for the Preparation of cresols."
2460/DEL/95	Council of Scientific and Industrial Research, New Delhi. An improved process for the preparation of methyl lithyl ketone by dehydrogonation of secondary butyl Alchol using an impro- ved copter-Silica Catalyst."	2470/Del/95	Council of Scientific and Industrial Research. New Delhi, An improved Process for the preparation of mixture of Guaiocol and P-Methoxy Cthanol,"
2461/DEL/95	Council of Scientific and Industrial Research, New Delhi. "An improved pro- cess for the anionio Polymerization of Alkyl (Methacrylic) monomers using A novel initiation system."	2471/Del/95	Council of Scientific and Industrial Research. [New Delhi. "A Process for the Preparation of a standardised fraction (Streblofil) from the plant streblos Asper. containing dihydro- spersidl and Dihydrosthehloside and exhibiting Macrofilaricidal activi- ty but devoid of cardiac Toxicity,"
		2472/Del/95	Council of Scientific and Industrial Research. New Delhi, A device use- ful as a master/slave clock for Trans- mitting standard time over a Telephone Network and a telephone Net-

	work incorporating the device for Transmitting and receiving standard Time."	2486/Del/95 JB.S.A. "France" Sliding knee prosthesis" (Convention date 16th February, 1995) France.
2473/Del/95	Council of Scientific and Industrial Research. New Delhi, A device useful for cleaning Polluted Air,"	2487/Del/95 Engineers India Limited., "Gurgaon" Viewing Device for use with combustion Chambers,"
2474/Del/95	Council of Scientific and Industrial Research. New Delhi. , A device useful for measuring an chorage strength of roof Bolts in underground Mines/ Tunnels."	2488/Del/95 University Technologies International Inc., Canada," Oil body Proteins as carriers of High-value p, peptides in plants", (Convention date 30th December. 1994)-U.S.A.
2475/Del/95	Council of Scientific and Industrial Research. New Delhi. , An improved Process for the Preparation of Aromatic Polyesters-	1-1-1996
2475/Del/95	Council of Scientific and Industrial Research. New Delhi, A Process for the C-C Bond forming reaction using Solid Acid Catalysts-	1/DEL/96 Department of Science & Technology, New Delhi, "Synthesis of Electrically conducting Epoxy Resins"
2477/Del/95	Council of Scientific and Industrial Research. New Delhi, An improved Process for the Preparation of sulphated mixed metal Oxides,"	2/DEL/96 The procter & Gamble Company, USA, "package for containing and applying A bug repellent Patch."(Convention Date 5th January, 1995). U.S.A.
2478/Del/95	Council of scientific and Industrial Research. New Delhi, A Process for the Transesterification of Ketoesters using solid acids as catalysts,"	3/DEL/96 Intel Corporation. U.S.A, "Apparatus and method for Providing secured communications"
2479/Del/95	Council of Scientific and Industrial Research. New Delhi, An improved Process for the Manufacture of Hydroquinone and catechol."	4/DEL/95 L'Air Liquide france. "process for the separation of a Gas Mixture by Cryogenic Distillation-
2480/Del/95	United colour manufacturing. Inc. U.S.A., Fluorescent petroleum Markers." (Convention date 20th January. 1995) U.S.A.	5/DEL/96, Alcatel N.V. Netherlands, "Method and Device for allocating communication channels to near and Distant mobiles in a TDMA Cellular Mobile Radio System such as a GSM system-
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2484/Del/95	Motorola. Inc. U.S.A., "Voice compression method and apparatus in a communication system-	3-1-1996
2485/Del/95	Zeneoa Limited "England". Composion and Use." (Convention date 17th January, 1995)-U.K.	9/DEL/96, Steel Authority of India, limited, New Delhi, "A Pilot plant for Preheating Powdered coking Coal a mixture of cokingCoal and coal Tar pitch."
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20/DEL/96 The Chief Controller, New Delhi, "An Improved curing Agent with cross linking Properties"

21/DEL/96 Bharat Heavy Electricals Limited, New Delhi, "A method of and Apparatus for heating various gases,

22/DEL/96 British Technology Group Limited. England, "Pesticidal compounds" (Convention Dates 10-1-95, 10-1-95, 4-7-95 and 4-7-95). U.K.

23/DEL/96 British Technology Group Limited. England, "Pesticidal Compound" (Convention Dates 10-1-95, 10-1-95, 10-1-95, 4-7-95, 4-7-95, 4-7-95, 4-7-95, and 13-11-95). U.K.

24/DEL/96 Buhler AG, Switzerland, "Apparatus for the continuous Crystallization of polyestr Material". (Con-

vention Date 9th January, 1995). Germany.

25/DEL/96 Sony Corporation, Japan, "System for and method of Processing image signal" (Convention Date 10th January, 95): papan.

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26/DEL/96 Kaiser Engineers Pty, Limited. Australia, "Improved Multicell heating system",

27/DEL/96 Bharat Heavy Electricals Limited. New Delhi, "A static Circuit for Capacitor Banks.

28/DEL/96 The Chief Controller, New Delhi, "An Improved Hydrocarbon based fuel rich propellant"

29/DEL/96 The Chief Controller Research & Development, New Delhi, "A Process for Preparation of Master Alloy for Grain Refinement of Aluminium and its Alloys"

30/DEL/96 The Chief Controller Research & Development. New Delhi, "A Process for the Preparation of Silicon Carbide-

31/DEL/96 The Chief Controller Research & Development. New Delhi, "Near-Isothermal Forgings Process for Preparation of Titanium Alloy Components to net of near-net shapes"

32/DEL/96 The Chief Controller Research & Development. New Delhi, "An Improved Magnesium based Igniter and a method of Preparation thereof"

33/DEL/96 Dynamic Cleaning Services pty, Ltd., Australia, "Furnace Vacuum Cleaning Device,

34/DEL/96 LG Electronics Inc. Korea, "Electromagnetic-wave leakage Preventing door of Microwave.

35/DEL/96 I.M.A. Industria Machine Automatiche S.P.A., Italy, "Method for attaching a tag to a Tea Bag-

36/DEL/96 Duracell Inc.. U.S.A." A moisture Barrier Composite Film of Silicon Nitride and Fluorocarbon polymer and its use with an on-cell tester for an Electrochemical Cell" (Convention Date 23rd January, 1995) U.S.A.

37/DEL/96 S.E. Axis Limited. England, "Authentication of Articles"

- 38/Del/96 Duracell Inc., U.S.A., "Condition Tester for a Battery (Convention Date 26th January, 1995). U.S.A.
- 39/Del/96 Duracell Inc., U.S.A. "Light Transparent Multilayer Moisture Barrier for Electrochemical Cell Tester and Cell Employing same" (Convention Date 23rd January 1995). U.S.A.  
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- 40/Del/96 Steel Authority of India Ltd., New Delhi. "A Process for Manufacturing Durable Grate Bars for Sintering Machines used in iron and steel."
- 41/Del/96 The Procter & Gamble Company, U.S.A. "Cleansing Compositions" (Convention Date 7th January, 1995), Great Britain.
- 42/Del/96 The Procter & Gamble Company, U.S.A. "Three in One Ultra Mild Lathering Antibacterial Liquid Personal Cleansing Composition" (Convention Date 9th January, 1995). U.S.A.
- 43/ el/96 KCT Technologic GmbH, Germany. "Method for Producing Alloyed Steels" (Convention Date 16th January, 1995), Austria,
- 44/D61/96 Chong Kun Dang Corp., Korea, "Camptothecin Derivatives, Pharmaceutically acceptable Salts its manufacturing and method Antineoplastic Agent Containing" (Convention Date 9th January, 1995), Korea.
- 45/Del/96 Eastman Chemical Company, U.S.A. "Foamable Branched Polyesters" (Convention Date 8th May, 1995), U.S.A.  
9-1-1996
- 46/Del/96 Sh. Basant Sharma and Mulleriawase Lalith Ravindra Kulatilak, Allahabad, UP. "Auxiliary Stimulative Lighting System"
- 47/Del/96 The Procter & Gamble Company, U.S.A. "Absorbent Article with Bolstering Waist Feature" (Convention Date 10th January, 1995), U.S.A.
- 48/Del/96 The Procter & Gamble Company, Absorbent Foam Materials for Aqueous Fluids Made From High Internal Phase Emulsions having very high water to-Oil Ratios" (Convention Date 10th January, 95), U.S.A.  
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- 49/DEL/96 The Procter & Gamble Company, U.S.A. "Recticulating a Portion of high internal Phase emulsions Prepared in a continuous Process" (Convention Date 10th January, 1995), U.S.A.
- 50/DeI/96 The Procter & Gamble Company, U. S. A. "Absorbent foams made from high internal phase emulsions useful for acquiring and distributing Aqueous fluids" (Convention Date 10th January, 1995) U.S.A.
- 51/Del/96 The Procter & Gamble Company, U. S. A. "Foams made from High Internal phase emulsions useful as absorbent members for catamenial pads" (Convention Date 10th January, and 13th October, 1995.) U.S.A.
- 52/Del/96 The Procter & Gamble Company, U. S. A. "Absorbent Articles for fluid management" (Convention Date 10th January, 1995) U.S.A.
- 53/Del/96 The Procter & Gamble Company, U. S. A. "Absorbent foams made from high internal phase emulsions useful for acquiring aqueous fluids" (Convention Date 30th August, 1995). U.S.A.
- 54/Del/96 Amcol Internal Corporation, U.S.A. "Method and composition for achieving animal weight gain with mycotoxin-contaminated animal food". (Convention Date 13th January, 1995), U.S.A.
- 55/Del/96 Courtaulds Fibres (Holdings) Limited, England. "Manufacture of extruded articles" (Convention Date 10th January, 1995) U.K.
- 56/Del/96 Courtaulds Fibres (Holdings) Limited England. "Forming Solutions" (Convention Date 10th January, 1995) U. K.
- 57/Del/96 Courtaulds Fibres (Holdings) Limited, Switzerland. "Forming Solutions" (Convention Date 10th January, 1995), U.K.  
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- 58/Del/96 Ranbaxy Laboratories Limited, New Delhi. "Process for the preparation of modified release matrix formulation of cefaclor|cephalexin."
- 59/Del/96 The Procter & Gamble Company, U.S.A. "Detergent Composition" (Convention Date 14th January, 1995). U.K.
- 60/Del/96 The Procter & Gamble Company, U.S.A. "Detergent Composition" (Convention Date 14th January, 1995), U.K.
- 61/Del/96 Zeneca Limited, England. "Chemical Process" (Convention Date 30-1-95, 13-4-95 and 26-5-95). U. K.
- 62/Del/96 Zeneca Limited, England. "Texturised Food-stuffs" (Convention Date 12th January, 1995), U. K.
- 63/Del/96 Sintermetallwerk Krebsoge GmbH, Germany. Powder Metallurgically produced compounds (Convention Date 12th January, 1995.) Germany.
- 64/Del/96 Cookson Group Plc. U. K. "Sealing Glass Brewer" (Convention Date 16th January, 1995) U.K.
- 65/Del/96 Ciba Geigy Ac., Switzerland. "Novel Pesticides" (Convention Date 13th January, 1995). Switzerland).
- 66/Del/96 Steel Authority of India, New Delhi. "An improved method of casting ingot moulds meant for production of steel ingots".
- 67/Del/96 The Chief Controller Research & Development, New Delhi. "A Process for preparation of Dually microstructured alloys".

- 68/Del/96. Indian Institute of Technology, New Delhi. "A process for preparing the acrylic fibres".
- 69/Del/96. The Chief Controller Research & Development, New Delhi. "A process for preconditioning dry extruded food products".
- 70/Del/96. Kolon Industries Inc., Korea. "Magnetic recording media". (Convention Date 18th October, 1995) Korea.
- 71/Del/96. Exxon Research and Engineering Company, U.S.A. "Hydroformulation of a multi-component feed stream" (Convention Date 18th January, 1995), U.S.A.
- 72/Del/96. BP Chemicals Limited, England. "Process for Polymerising Olefin" (Convention Date 18th January, 1995) France.
- 73/Del/96. Amoco Corporation, U.S.A. "Process for manufacturing a layered mixed double hydroxide composition". (Convention Date 13th January, 1995) U.S.A.
- 74/Del/96. Exxon Chemical Patents Inc., U.S.A. "Organic Compounds and processes for their manufacture".
- 75/Del/96. Rhone-Poulene Fiber and Resin Intermediates, France. "Process for Lactam preparation" (Convention Date 27th January, 1995) France.

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- 76/Del/96. Power Grid Corporation of India Limited, "New Delhi," Time Synchronisation Unit.
- 77/Del/96. Akash Barthakur, "New Delhi", A process for the manufacture of scratch off inks and the like printing compositions.
- 78/Del/96. Yoshiaki Industrial Co. Ltd., "Japan," Apparatus for mutual conversion between circular motion and reciprocal motion. (Convention date 13th January 93) Japan.
- 79/Del/96. Texaco Development Corporation, "U.S.A.", Improved partial oxidation process burner with recessed TIP and Gas Blasting. (Convention date 23rd January, 95)- U.S.A.

- 80/Del/96. Duracell Inc., U.S.A. "Additives for Primary Electrochemical Cells having Manganese Dioxide Cathodes". (Convention date 13th February, 95)-U.S.A.
- 81/Del/96. Duracell Inc., U.S.A., "Slurry forming process." (Convention dated 1st February, 1995)-U.S.A.
- 82/Del/96. Duracell Inc., U.S.A., "Slurry transfer and densification through vacuum pumping." (Convention date 1st February, 1995)-U.S.A.

- 83/Del/96. Motorola, Inc., and NIT Mobile Communications Network Inc., Japan. "Message Fragmenting in a time diversity radio system."
- 84/Del/96. Sunkist Growers, Inc., U.S.A. Monorail conveyor system." (Convention date 24th January, 1995).U.S.A.

- 85/Del/96. Rhone-Poulenc Chimie, France, "Catalytic composition based on cerium oxide and on manganese, iron or praseodymium oxide, process for its preparation and its use in automobile after banking catalysis." (Convention date 13th January, 1995)-France.
- 86/Del/96. Smithkline Beecham P. L. C, England, "Compounds." (Convention date 13th January, 1995)-U.K.

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- 87/Del/96. Emery Recycling Corporation, U.S.A., "Apparatus and method for municipal waste gasification."
- 88/Del/96. K. G. M Associates, New Delhi, "An improved mail/letter box "

- 89/Del/96. The Procter & Gamble Company, U.S.A.. "Female component for refastenable fastening device." (Convention date 18th January, 1995).U.S.A.
- 90/Del/96. BP Chemicals Limited, England, "Blowing agents for phenolic resins." ("Convention date 17th January, 1995)-U.K.
- 91/Del/96. Grampian Pharmaceuticals Limited, U. K., "Medicated animal foodstuffs". (Convention date 17th January, 1995)-U.K.
- 92/Del/96. Rhone-Poulene Viscosuisse SA, Switzerland, "A method for producing a polyester weft yarn for cord fabrics of tyres."
- 93/Del/96. Tioxide Group Services Limited, England, "Preparation of anatase titanium dioxide". (Convention date 20th January, 1995)-U.K.
- 94/Del/96. Motorola, Inc., U.S.A., "Voice messaging system and method making efficient use of orthogonal modulation components." (Convention date 28th February, 1995)-U.S.A.
- 95/Del/96. Bohler Edelstahl GMBH, and Bohler Ybbstalwerke GMBH, Austria, "Use of an iron-based alloy for plastic molds." (Convention date 16th January, 1995)-Austria.
- 96/Del/96. Cookson Group PLC, U.K.. "Process for the corrosion protection of copper or copper alloys."

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- 97/Del/96. BP Chemicals Limited, England, "Oil and gas field chemicals." (Convention date 19th January, 1995 and 7th June, 1995)-U.K.
- 98/Del/96. The British Petroleum Company P.L.C., England, "Improvements in and relating to ships". (Convention date 20th January, 1995)-U.K.
- 99/Del/96. Motorola, Inc, U.S.A., "Method and apparatus for offset frequency estimation for a coherent receiver." (Convention date 10th March, 1995)-U.S.A.
- 100/Del/96. Nofal Dawalibi, and Danka Dawalibi, France & Saudi Arabia. "A programmable electronic closure system." (Convention date 25th January, 1995)-France.
- 101/Del/96. Bell Communications Research, Inc., U.S.A., "Apparatus and method for in situ X-ray study of electrochemical cells". (Convention date 17th January, 1995)-U.S.A.

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- 102/Del/96. Rajesh Kumar, U.P., "Device for avoiding road accident in night."
- 103/Del/96. Steel Authority of India Ltd.. New Delhi. "An improved ingot mould bottom plate for steel plants, having a groove with a prefabricated refractory insert therefor."
- 104/Del/96. Department of Science and Technology, Government of India, New Delhi. "A process for the preparation of antimony acrylate."
- 105/Del/96. Department of Science and Technology. Government of India. New Delhi. "A process for the manufacture of an improved solid carbon."
- 106/Del/96. The Procter & Gamble Company, USA., "Process for the manufacture of granular detergent compositions comprising nonionic surfactant," (Convention date 16th January and 14th March, 1995)-U.K.

- 107/Del/96. The Procter & Gamble Company "U.S.A.". "Improved Personal Cleansing Bar with Tailored Fatty Acid Soap". (Convention date 31st January, 1995)-U.S.A.
- 108/Del/96. Astra Aktiebolag Sweden, "Novel Pharmaceutical combination." (Convention date 6th February, 1995).Sweden

- 109/Del/96. Aeustra Aktiebolag, Sewden, "Novel Pharmaceutical formulation". (Convention date 6th February, 1995)-Sweden.
- 110/Del/96. Astra Aktiebolag, AG, Sweden, "Novel Pharmaceutical composition". (Convention date 6th February, 1995)-Sweden.
- 111/Del/96. Astra Aktiebolag, AG, Sweden, "Methods for testing of therapeutic compounds." (Convention date 6th February, 1995)-Sweden.
- 112./Del/96. Astra Aktiebolag, Sweden, "New Oral pharmaceutical dosage form." (Convention dale 6th February, 1995)-Sweden.
- 113/Del/96. Hoechst Sphering Agrevo S.A., France, "New aromatic amides, their preparation process, the compositions containing them and their use as pesticides." (Convention date 26th January, 1995)-France.
- 114/Del/96. Bharat Heavy Electricals Ltd., New Delhi, "Centrifugal compressor impellers having barrier vanes."
- 115,/Del/96. SRP Industries Limited, New Delhi, "A process for the preparation of detergent,"
- 116/Del/96. Bharat Heavy Electricals Limited, New Delhi, "A regulator for feeder lines suitable for induction motor load and induction generator source."

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- 117/Del/96. Discovision Associates, U.S.A., "Optical disc system". (Convention date 25th January, 1995)-United States",
- 118/Del/96. De La Rue Giori S.A., Switzerland, "Rotary screen printing Machine for sheet printing."

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- 119/Del/96. Mohan Naewals, Jaipur (Rajasthan), "Purifying the water electronic water purifier."
- 120/Del/96. The Procter & Gamble Company, U.S.A., "Personal cleansing implement using knitted tubing and method of construction." (Convention date 31st January, 1995)-U.S.A.
- 121/Del/96. The Procter & Gamble Company, U.S.A., Anti-aone cosmetic compositions".
- 122/Del/96. The Secretary of State for Defence in her Britannic Majesty's Government of The United Kingdom of Great Britain and Northern Ireland, U.K., "Luciferases". (Convention date 20th January, 1995 and 24th April, 1995)-U.K.
- 123/Del/96. Power Electronics & Systems, Inc. U.S.A., "Efficient power transfer in electronic ballast." (Convention date 13th February, 1995)-U.S.A.
- 124/Del/96. Motorola, Inc., U.S.A., "Method and system for clearing a frequency band." (Convention date 30th January, 1995)-U.S.A.
- 125/Del/96. Motorola, Inc., U.S.A. Method and Apparatus for symbol timing tracking." (Convention date 3rd November, 1995)-U.S.A.
- 126/Del/96. Engelhard/ice. ICC Desiccant Technologies, Inc, and Engerhard DT, Inc, U.S.A. "Hybrid Air-conditioning system and method of operating the same." (Convention date 25th Jan. 95, 23rd March, 95 and 6th June, 95)-U.S.A.
- 127/Del/96. Kwang Yung Motor Co. Ltd., China, "Dual Transmission for motorcycles."

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- 128/Del/96. Amitangshu Sikdur, Rajasthan. An electrical foot switch operating a Dental Surgical Engine/ Micromotor and a Physiologic saline Dispensor simultaneously.
- 129/Del/96. Sintercast AB., Sweden. A method of manufacturing cast products which cast in a single piece having controlled variations of compacted graphite iron and grey cast iron., (Convention date 7th February 1995), Sweden.
- 130/Del/96. Power Tool Holders Incorporated., U.S.A., Keyless Chuck.
- 131/Del/96. Honda Giken Kogyo Kabushiki Kaishu, Japan. Engine supporting structure for motor-bycycle. (Convention date, 1st February, 1995), Japan.
- 132/Dcl/96. Motorola Inc., U.S.A. Method and apparatus for reducing quantization noise. (Convention: date 14th February, 1995). U.S.A.
- 133/Del/96. Sintercast AB., Sweden. A sampling device for thermal analysis. (Convention date 27th January, 1995), Sweden.
- 134/Del/96. Bayer Aktiengesellschaft, Germany. Alkoximinoacetic acid amides. (Convention date 30th January, 1995, 1st February, 1995, 24th March, 1995, 25th July, 1995 & 20th November, 1995), Germany.
- 135/Del/96. Antonoy Automotive Technologies B.V. Netherlands. A multi disc coupling device an automatic transmission equipped there with and a manufacturing method therefor. (Convention date 23rd January, 1995), France.
- 136/Del/96. Chief Controller, Research Development, New Delhi. An improved pencil with rouseable extention attachment.
- 137/Del/96. G. Surgiwear Limited U.P. A surgical drape.
- 138/Dd/96. Rollatainers Limited, Faridabad. A carton for storage and dispensing of liquidous materials.
- 139/Del/96. Rollatainers Limited, Faridabad. A carton for storage and dispensing of liquidous materials.
- 140/Del/96. Motorola Inc., U.S.A. Surface acoustic wave device.
- 141/Del/96. Motorola Inc., U.S.A. PCMCIA integrated circuit card test equipment
- 142/Del/96, Motorola Inc., U.S.A. Speaker recognition system using multiple characteristic parameters.
- 143/Del/96. Paul Wurth S.A., Luxembourg. Arc furnace for melting down metals. (Convention date 8th February, 1995), Luxembourg.
- 144/Del/96. L'Air Liquide, Societe Anonyme Pour L'Etude ET L'Exploitation des Procedes Georges Claude, France. Plant for treating at least one fluid, applications to the treatment of a flow of air and method of charging such a plant with masses of particulate materials.
- 145/Del/96. Shell Internationale Research Maatschappij B.V. Netherlands. Process for manufacturing isoprene containing block copolymers.
- 146/Del/96. Sony Corporation, Japan. Video display apparatus. (Convention date 27th January, 1995), Japan.

147/Del/96	Aqualon Company., U.S.A. Cellulose Ethers in Emulsion polymerization Dispersions. (Convention Date 20th October. 1995)—U.S.A. & 3rd November. 1995) Netherlands.	158/Del/96	Lalit Mohan Sharma,, Ashish Gilotra,, Maninder Pal Singh,, Punjab,, & Vikram Sharma,, New Delhi,, & Night Time Highway System.  25-1-96
148/Del/96	Dr. Vijay Kumar Sharma, Jaipur., powdered Distemper from Sugar Beet Mud.,  24-1-96	159/Del/96	Bharat Heavy Electricals Limited., New Delhi., A Switched Reluctance Motor Controller.,
149/Del/96	Voest-Alpine Industrieanlagenbau GMBH., Austria., Method of Utilizing Dusts Incurring in the Reduction of Iron Ore. (Convention Date 24th January. 1995 & 6th July. 1995)—Austria,	160/Del/96	Council of Scientific & Industrial Research., New Delhi. An Improved process for the Preparation of Hydrogenated Polyalpholsfins.,
150/Del/96	Jervis B. Webb International Company, U. A. Mail Sackhandling Cart., (Convention Date 26th January. 1995) U.S.A.	161/Del/96	Council of Scientific & Industrial Research., New Delhi. A Composition Usefull in the Fabrication of Liquefied (LPG) Sensors.,
151/Dcl/96	The procter Gamble Company, U.S.A.. Package Containing Absorbent Articles, (Convention Date 24th January & 7th December. 1995)—U.S.A	162/Del/96	Council of Scientific & Industrial Research., New Delhi. A process for the Preparation of 3-Dialkyl or Heterocyclic Amino-1-2' 'or 3' or 4-(2' Dialkyl of Heterocyclic Amino Methyl 3 propen-1- One) phenoxy propan-2-ois Useful as Viginal Contraceptives.,
152/DeI/96	Rhone-Poulenc S.A.. France Process for the Preparation of 4, 10-Diacetoxy-20-Benzoyloxy-5B-20-Epoxy-1. 7B-Dihydroxy-9-Oxo-Tax-11-En-1 3a-YL (2R, 3S)-3—Benzoylamino-2-Hydroxy-3-Phenylpropionate Trihydrate. (Convention Date 25th February, 1995) France.	163/Del/96	Council of Scientific & Industrial Research., New Delhi. A Device Useful for the determination of Moisture Content in a Solid Block and powdered Materials Using High Frequency Absorption Technique,
153/Del/96	Compagnie Generate Des Establishments Michelin Michelin & Cie., France process and Device for Applying A Thread Onto A Support,. (Convention Date 1st February. 1995) France	164/Del/96	Council of Scientific & Industrial Research, New Delhi. A Process for the Preparation of (2R, 3S, 22E, 24S). 24-Ethyl-2-3-Dihydroxy-5a-Cholestan-22-one-6-one.,
154/Del/96	The Gillette Company., U.S.A.. Water-Based Correction fluid,. (Convention Date 26th January. 1995) U.S.A.	165/Del/96	Council of Scientific & Industrial Research, New Delhi, an improved Electroforming Cell useful for Electroforming and an Improved Process for Preparation of Electroformed Iron using the Said Cell.
155/Del/96	Motorola Inc., U.S.A.. Network Identification Information placement Architecture fur Messaging System having Roaming Capability,. (Convention Date 24th January. 1995 & 30th March, 1995) U.S.A.	166/Del/96	Council of Scientific & Industrial Research., New Delhi, A Process for the Preparation of (2R, 3S, 22F, 23R)-2, 3 Diacetox-22, 23-epoxy-24-ethyl 1-2 Homo-7-OXA-fA Cholestan-6-One.
156/Del/96	The Gillette Company., U.S.A. Ozone-Friendly Correction Fluid with Improved Overwrite Characteristic,. (Convention Date 31st January. 1995) U.S.A.	167/Del/96	Council of Scientific & Industrial Research.. New Delhi, An Improved Process for the Preparation of Paddy Liquor A Traditional Fermented Beverage.
157/Del/96	Imperial Chemical Industries Plc., U.K.. Cathode for use in Electrolytic Cell,. (Convention Date 11th February. 1995) U. K.		

168/Del/96	Council of Scientific & Industrial Research., New Delhi. An Improved Device for Separating Seeds from the Fruit Skin.	179/Del/96	Sram Corporation. U.S.A. Linear Derailleur, (Convention Date-21st August, 1995)—U. S. A.
169/Del/96	Sanofi., France., Substituted Heterocyclic Compounds Method of Preparing them and Pharmaceutical Compositions in which they are Present. (Convention Date 30th January, 1995), 4th July, 1995 , 3rd November, 1995 France.	180/Del/96	Anil K Rajvanshi, New Delhi . A Method of Detoxification of Distillery Water.
170/Del/96	Bio Technology General Corp., U.S.A., Production of Enzymatically Active Recombinant Carboxypeptidase B., (Convention Date - 25th January, 1995) U. S. A.	181/Del/96	Nycomed Imaging As, Norway , Bismuth Compounds . (Convention Date - 26th Janauary , 1995) Britain & 7th June . 1995) U. S. A.
171/Del/96	Bhuler Ag., Switzerland., Shaft Reactor for Treating Bulk Material.	182/Del/96	Samjin Pharmaceutical Co., Ltd., Korea., New Piperazene Derivatives and Method for the Preparation Thereof and Composition Containing the Same,, (Convention Date - 24th November, 1995) Korea.
172/Del/96	The Goodyear Tire & Rubber Company., U.S.A., Silica Reinforced Rubber Composition and Tire with Tread Thereof.	183/Del/96	The Procter and Gamble Company,, U.S.A. Absorbent Articles having Side Extensions,, (Convention Date-3rd February 1995) U. S. A.
173/Del/96	Tioxide Group Services Limited., England Composite Pigmentary Material, (Convention Date - 16th February. * (£) -U. K.	184/Del/96	The Procter and Gamble Company., U.S.A., Soft Tissue Paper Containing AH Oil and A Polyhydroxy Compound., (Convention Date - 31st January, 1995) U.S.A.
174/Del/96	The Goodyear Tire & Rubber Company., U.S.A., Silica Reinforced Rubber Preparation and Tire with Tread Thereof.	185/Del/96	Cominco Engineering Services Ltd., Canada.. Chloride Assisted Hydrometallurgical Extraction of Metal., (Convention Date-7th June, 1995) . U. S. A.
175/Del/96	Motorola Inc., U.S.A.. Method and Apparatus for Organizing and Recovering Information Communicated in a Radio Communications System., (Convention Date - 15th March, 1995) U.S.A.	186/Del/96	Apces Investment Castings Pty. Ltd. Acn., Australia., Silver Alloy Compositions.,
176/Del/96	Roussel Uclaf., France., DNA Sequence Coding for a Protein of a Thaliana having a Delta-5, 7 Sterol Delta-7 Reductase activity. Delta 7-Red Protein, Production Process Strains of Transformed Yeasts Uses., (Convention Date - 15th February, 1995 & 1st June, 1995) France.	187/Del/96	Leigh-Mardon Pty. Limited., Australia,. Perfect Binding Control System, (Convention Date - 30th January, 1995) Australia.
177/Del/96	Discovission Associates., California., Optical Disc System., (Convention Date - 25th January, 1995) U.S.A. & 11th April, 1995) U.S.A.	188/Del/96	Sony Corporation. Japan., Disc-Shaped Recording Medium Recording Apparatus and Reproducing Apparatus., (Convention Date - 30th January, 1995) Japan.
178/Del/96	Hypercom Inc , Vertical Pos Terminal, (Convention Date - 27th January. 1995) U. S. A.	189/Del/96	Motorola Inc., U.S.A., Method and Apparatus for Mitigating Interference Produced by a Communication Unit in a Communication System., (Convention Date - 28th February, 1995) U. S. A.
190/Del/96	The Goodyear Tire & Rubber Company., U.S.A., Tire having Silica Reinforced Rubber Tread with outer Cap		

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	containing Carbon Black (Convention Date 7th March, 1995) U.S.A	202/Del/96	Medscand Ab, Sweden., Surgical Instrument and method for Treating Female Urinary Incontinence, (Convention Date—9th October 1995) Sweden.
191/Dal/96	Sony Corporation., Japan., Method of an Apparatus for Reverse Playback of a Time-Division Multiplexed signal. Convention Date 31st January, 1995) Japan.	203/Del/96	Council of Scientific & Industrial Research, New Delhi. An Improved process for the treatment of Distillery effluent.
	31-1-1996	204/Del/96	The Whitaker Corporation, U.S.A. Add-on MTU Assembly for use in a Telephone Subscriber Junction Box. (Convention Date—17th March, 1995) U. S. A.
192/Del/96	Ramesh Chander Verma, Haryana. V-Bristled Tooth Brush which would prevent the Tooth from Exposing to become sensitive, Haryana.	205/Del/96	United Technologies Automotive System Inc., U.S.A. Modular Steering Wheel and Air-Bag Combination. (Convention Date —1st September 1995) U. S. A.
193/Dol/96	Gillette Canada Inc, Canada, Tooth Brush, (Convention Date—1st February, 1995) U.S.A.	206/Del/96	Warner-Lambert Company, U.S.A. Improved Closeness Razor Blades., 31st March. 1995) U. S. A.
194/Del/96	The Glacier Metal Company Limited, England,. Liquid Cleaning System including Back Flushing Filter and Centrifugal Cleaner therefor, (Convention Date 2nd February. 1995) U.K.	207/Del/96	Hercules Incorporated. U.S.A. Process for Hydrotreating Resins to lighten Color.
195/Del/96	The Glacier Metal Company Limited, England, Centrifugal Liquid Cleaning Arrangement. (Convention Date—2nd February, 1995) U. K.	208/Del/96	Interuniversitair Microelektronica Centrum., Belgium. Method of Preparing Solar Cells and Products obtained Thereof.
196/Dcl/96	Allied signal Inc., U.S.A., Optical Waveguide having two or more Reactive Indices and Method of Manufacturing same (Convention Date—17th February, 1995) U.S.A.	209/Del/96	Shell Internationale Research Maatschappij, Netherlands. Alkyline Oxide Catalyst and Process (Convention Date — 1st February. 1995) U. S. A.
197/Del/96	GEC Alsthom T & D SA, France, A method and a system for Determining the density of an Insulating Gas in an Electrical Apparatus (Convention Date—8th February. 1995 & 17th May, 1995) France,	210/Del/96	Astra Aktiebolag, Sweden, Bicyclic Isothiourea Derivatives Useful in Therapy. (Convention Date—11th February 1995. U. K.
198/Del/96	W. R. Grace & Co. Conn., U. S. A., Chloride Monitoring Apparatus and process (Convention Date — 30th January & 6th June 1995) U. S. A.	211/Del/96	The procter & Gamble Company, U.S.A. Absorbent Article. (Convention Date —2nd February. 1995) Japan.
199/Del/96	Bayer Aktiengesellschaft, Germany. Alkoximinoacetic Acid Amides. (Convention Date—30th January 1995, 1st February 1995. 24th March 1995. 25th July 1995. 20th November, 1995) Germany,	212/Del/96	The Procter and Gamble Company, U. S. A. Detergent Compositions comprising Mulliperacid-Forming Bleach Activators.
200/Del/96	De La Rue Giori S. A., Switzerland. Apparatus for Invalidating prints printed on printing Carriers.		1-2-1996
201/Del/96	Kabushiki Kaisha Toshiba, Japan. Two degree of Freedom Pid Controller.	213/Del/96	Salvador Caratozzolo, Argentina. "SUBORDINATION nut car-adjustable".
		214/Del/96	Heraeus Electro-nite International N.V., Belgium. "Drop-in Immersion probe". (Convention Date 24th February, 1995), U.S.A.

- 215/Del/96. Heraeus Electro-nite International N.V., Belgium, "Molten metal immersion probe", (Convention Date 6th February, 1995), U.S.A.
- 216/Del/96. Chemische Fabrik Stockhausen GMBH, Germany, "Sheet-like, superabsorbent structures". (Convention Date 20th February, 1995), Germany.
- 217/Del/96. Chemische Fabrik Stockhausen GMBH, Germany, "Layered body for the Absorption of Liquids and its production and use." (Convention Date 20th February, 1995), Germany.
- 218/Del/96. The Glacier Metal Company Limited, England. "Temperature regulating liquid conditioning arrangement". (Convention Date 18th February, 1995), U.K.
- 219/Del/96. Crown Cork AG, Switzerland. "Closing Cap with Anti-tamper Strip".
- 220/Del/96. Ilham Mohammed Saleh Saeed Abuljadayel, Ghazi Jaswinder Dhoot, U.K. "A method of preparing an undifferentiated Cell". (Convention Date 2nd February, 1995), U.K.
- 221 /Del/96. Crown Cork AG, Switzerland. "Closure cap with tether".

2-2-1996

- 222-Del/96. The Procer & Gamble Company, U.S.A. "Absorbent article with Fractionation Member". (Convention Date 3rd February, 1995), U.S.A.
- 223/Del/96. The Procter & Gamble Company, U.S.A. "Fluid distribution member for absorbent articles exhibiting high suction and high capacity". (Convention Date 3rd February, 1995), U.S.A.
- 224/Del/96. The Procter & Gamble Company, U.S.A. "Process for producing detergent agglomerates in which particle size is controlled". Convention date 13th February, 1995), U.S.A.
- 225/Del/96. Astra Aktiebolag, Sweden. "Pump chamber and valve for a pump chamber", (Convention Date 15th February, 1993), Sweden.
- 226/Del/96. Thorbjorn Gyllenhammar. Sweden. "Mobile Unfoldable accomodation".
- 227/Del/96. Surprentant Cable Corp, U.S.A. "Crosslinked Thermoplastic Elastomers", (Convention Date 3rd February, 1995), U.S.A.
- 228/Del/96. The Torroington Company Limited, England. "Steering Colum locking assembly and method of making same". Convention Date 2nd March, 1995). U.K.
- 229/Del/96. The Broken Hill Proprietary Company Limited, Australia and the University of Syndney. "Structural Member". (Convention Date 2nd February, 1995), Australia.
- 230/Del/96. The Torrington Company Limited, England. "Resilient Tolerance ring and shaft arrangement including a ring". (Convention Date 14th February, 1995), U.K.
- 231/Del/96. Exxon Chemical Patents. Inc, U.S.A. "Additives and fuel oil compositions", (Convention Date 2nd February, 1995) U.K.
- 232/Del/96. Bell Communications Research, INC., U.S.A. "Delihiated cobalt oxide and nickel oxide phases and method of preparing same". (Convention Date 3rd February, 1995), U.S.A.
- 233/Del/96. Zeneca Limited, England. "Proline Derivatives". (Convention Date 3rd February, 1995), U.K.
- 234/Del/96. Smithkline Beecham P.L.C., England "Novel compounds". (Convention Date 2-2-95, 25-4-95, 3-5-95, 17-8-95, 26-8-95 and 12-9-95), U.K.

- 235/Del/96. Jagdish Narain Arora Proprietor M/s Usiki Products Company (India), Kanpur. "An improved electrical metal connector made from a strip of sheet metal for use in electrical plug sockets or adaptors".

5-2-1996

- 236/Del/96, The Gillette Company, U.S.A. "Razors". (Convention Date 6th February, 1995), U.K.
- 237/Del/96. Weiss Enterprises Inc, U.S.A. "Fluid separation device system and method of construction".
- 238/Del/96. Mintex, South Africa. "Ferrochromium Production". (Convention Date 4th February, 1995), South Africa.
- 239/Del/96. Bell Communications Research, INC, U.S.A. "Method and system for locating nomadic users in a personal communication services system".
- 240/Del/96. Sony Corporation, Japan. "Charging method and charging system in interactive on-line service", (Convention Date 6th February, 1995), Japan.
- 241/Del/96. Normalair-Garrett (Holl, NGS) Limited, U.K. "Oxygen generating device". (Convention Date 9-2-1995 and 16-8-1995), U.K.

6-2-1996

- 242/Del/96. The Goodyear Tire & Rubber Company, U.S.A. "Silica reinforced rubber preparation and tiro with tread thereof". (Convention Date 10th March, 1995), U.S.A.
- 243/Del/96 Therapicon SRL, Italy. "Pharmaceutical non inorganic saline solutions for endonasal administration".
- 244/Del/96. L'AIR Liquide, France. "Method and device for monitoring the operation of an air separation plant". (Convention Date 7th February, 1995), France.
- 245/Del/96. Smithkline Beecham P.L.C., England. "Novel compounds", (Convention Date 6-2-1995, 17-2-95 & 15-5-1995), U.K.
- 246/Del/96. The Chief Controller Research & Development, New Delhi, "An improved process for the preparation of cation and anion exchange membranes".
- 247/Del/96. The Chief Controller Research & Development, New Delhi. "A process for producing fresh and/or processed fruit pulps and juices to a powder".
- 248/Del/96. The Chief Controller Research & Development, New Delhi. "A process for preparation of impregnated active carbon".

7-2-1996

- 249/Del/96. ASE Brown Boveri AB, Sweden. "Installation for Transmission of Electric Power by means of High Voltage Direct Current". (Convention Date 10th February, 1995), Sweden.
- 250/Del/96. SEGA Enterprises, Ltd, Japan. "Information processing apparatus with security checking Function." (Convention Date 8th February, 1995), Japan.
- 251/Del/96. CASIO Computer Co. Limited, Japan. "Transmitter receiver for a radio communication apparatus". (Convention Date 8th February, 1995), Japan.
- 252/Del/96. General Electric Company, U.S.A. "Interconnection system for electrical systems having differing electrical characteristic". (Convention Date 21-4-1995), U.S.A.

- 253/Del/96. Dermitzakis Emmanuil, Greece. "New Emitter Unit Forms". (Convention Date 7th February, 1995), Greece.
- 254/Del/96. The Procter & Gamble Company, U.S.A. "Personal care compositions and wipe product containing the compositions". (Convention Date 10th February, 1995), U.S.A.
- 255/Del/96. The Procter & Gamble Company, U.S.A. "Method for enhancing the bulk softness of tissue paper and product therefrom". (Convention Date 15th February, 1995), U.S.A.
- 256/Del/96. The Procter & Gamble Company, U.S.A. "Zero scrap method for manufacturing side panels for absorbent articles". (Convention Date 10th February, 1995), U.S.A.
- 257/Del/96. The Procter & Gamble Company, U.S.A. "Method of applying a curable resin to a substrate for use in papermaking". (Convention Date 15th February, 1995), U.S.A.
- 258/Del/96. The Procter & Gamble Company, U.S.A. "Method of applying a photosensitive resin to a substrate for use in papermaking". (Convention Date 15th February, 1995), U.S.A.
- 259/Del/96. ELF Atochem S.A., France. "Process for the synthesis of 2-ethylanthraquinone". (Convention Date 15th March, 1995), France.
- 260/Del/96. Whirlpool Corporation, U.S.A. "A reversing drive system for an automatic washer".
- 261/Del/96. Whirlpool Corporation, U.S.A. "A drive system for an automatic washer".

8-2-1996

- 262/Del/96. Scapa Group PLC, U.K. "Filtration apparatus". (Convention Date 9th February, 1995). U.K.
- 263/Del/96. Shell Internationale Research Maatschappij B.V., Netherlands. "Bituminous compositions".
- 264/Del/96. Motorola Inc., U.S.A. "A communication system and method using a speaker dependent time-scaling technique". (Convention Date 28th February, 1995), U.S.A.

9-12-1996

- 265/Del/96. Ajaya Kumar, New Delhi "Liquid Evaporator".
- 266/Del/96. Council of Scientific and Industrial Research, New Delhi. "An improved process for the preparation of a dietary fiber".
- 267/Del/96. Council of Scientific and Industrial Research, New Delhi. "A process for the preparation of a reagent useful for the diagnosis of tuberculosis".
- 268/Del/96. Zeneca Limited, England. "Heterocyclic Derivatives". (Convention Date 10th February, 1995), U.K.
- 269/Del/96. Bentley-Harris, U.S.A. "Protective Sleeve with warp spacers". (Convention Date 14th February, 1995), U.S.A.
- 270/Del/96. Densely International Inc., U.S.A. "Transducer activated subgingival tool tip". (Convention Date 31st January, 1996), U.S.A.
- 271/Del/96. Mahi Pal Gupta, Rajasthan. "Starting and operating circuit as Electro-Magnetic Ballast for single ended compact fluorescent lamp".
- 272/Del/96. Indian Council of Agricultural Research, New Delhi. "A process for extracting starch from cassava Tuber".

## ALTERATION OF DATE UNDER SECTION 16

1777327

antedate to 19th December, 1988.

(328/Cal/1992)

## COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of the issue or within such further period not exceeding out month, applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule-36 of the Patents Rules, 1972.

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## स्वीकृत सम्पूर्ण विविहारण

एल्फ्रेडवारा वह सूचना दी जाती है कि सम्बद्ध वार्षिकों में ही किसी पर पेटौट अनुदान के विरोध करने के लिए कोई व्यविधि, इसके निर्गम की तिथि से चार (4) महीने तक अग्रम ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटौट नियम, 1972 के तहत विविहार प्रपत्र 14 पर अधिकृत एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियन्त्रक, एकत्र को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विविहार प्रपत्र 14 पर ही सकते हैं। विरोध सम्बन्धी लिखित वकलत, उक्त सूचना के साथ अधिक पेटौट नियम, 1972 के नियम 36 में यथा विविहार इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

"प्रत्येक विविहारण के संदर्भ में नीचे दिए गयीकरण, भारतीय वर्गीकरण सथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप है।"

स्पष्टांकन (विवर आरेखों) की फोटो प्रतियां यदि कोई हो, उनके साथ विविद्देशीय की अंकित अधिका फोटो प्रतियों की आपूर्ति पेटौट कार्यालय, खलेक्ता अधिका उपयुक्त शास्त्र कार्यालय द्वारा विविहार लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पक्ष व्यवहार द्वारा संनिवित करने के उपरान्त उसकी अवायनी पर को जा सकती है। विविहारण की पहली संख्या के साथ व्रत्येक स्वीकृत विविहार के शाम्भव नीचे घण्टित विश्व आरेख कागजों को जोड़कर उसे 2 से गुणा करके (क्योंकि व्रत्येक पहल का लिप्यान्तरण प्रभार 2/- रु. है) लोटों लिप्यान्तरण प्रभार का परिकल्पना किया जा सकता है।



Cl. : 172 E, D, 3.

177323

Int. C.<sup>4</sup> : D 01 H 7 00, 7/16; B 63 H 49/18.**SALF ROTATING SPINDLE ASSEMBLY FOR ROLL-WINDING MACHINE.**

Applicant : INDIAN JUTE INDUSTRIES' RESEARCH ASSOCIATION OF 17 TARATOLA ROAD, CALCUTTA-700 088, WEST BENGAL, INDIA.

Inventors : (1) TAMAL KUMAR ROY, (2) DEBABRATA SARKAR, (3) DURGA PADA KHATUA.

Application No. 107/Cal/1992; filed on 17th February, 1992.

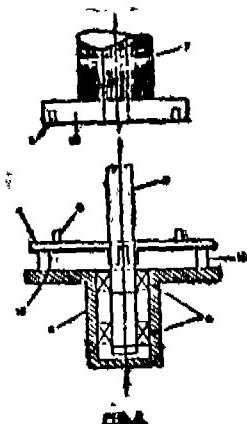
Complete Specification left on 29th June, 1992.

Appropriate office for opposition Proceeding (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

**5 Claims**

A self rotating spindle assembly for holding a fully or partially wound bobbin (7) in the roll winding machine comprising :—

- a self rotating spindle (3) mounted on a bearing (6);
- a fixed drag plate (12) in the said spindle axis;
- a bobbin carrier plate (4) loosely fitted on the axis of the spindle which can independently move up and down on the spindle under dynamic conditions while moving along with the bobbin;
- at least one drag pad (11) for creating frictional resistance between the draft plate and the bobbin carrier plate;
- and means (9, 10) for holding the said bobbin on the said bobbin carrier plate;



Compl. specn. 7 pages Drgns. 1 sheet  
Provn. specn. 6 pages Drgns. Nil

Cl. : 172 C 9; 1 177324.  
Int. Cl.<sup>4</sup> : D 01 G 15/02.

**A DEVICE FOR BRAKING OF A ROTATING COMPONENT OF FIBRE PROCESSING MACHINE.**

Applicant : TRUTZSCHLER GMBH & CO. KG. OF DUVENSTR, 82-92, D-4050 MONCHENGLADBACH 3, GERMANY.

Inventors : (1) ERNST WOLFGANG KUPPERS, (2) FRITZ HOSEL.

Application No. 210/Cal/1991; filed on 11th March, 1991.  
Appropriate office for opposition Proceedings (Rule \* Patent Rule 1972) Patent Office, Calcutta.

**17 Claims**

A device for braking a rotary component of a fibre processing machine, comprising :

- (a) an asynchronous motor (1) having a stator winding (1a) and an output shaft; said asynchronous motor being arranged to be normally driven by an alternating current;
- (b) transmission element (19) for torque-transmittingly connecting the output shaft to the rotary component (15);
- (c) a direct current generating device (7) having an output connectable to the stator winding (1a) for applying an electric braking-torque to the motor (1);
- (d) a switching means (2, 6) for selectively connecting said stator winding to an alternating current source (5) or to said output of said direct current generating device (7); and
- (e) means for stepwise varying the intensity of the direct current applied to the stator winding of the motor.

Compl. specn. 12 pages Drang. 4 sheets

Cl. : 172 C 1 & C 9 177325

Int. Cl. : B 65 H, 75/16, D 01 G, 27/00.

**A SPINNING MACHINE.**

Applicant : FRITZ STAHLCKER OF JOSEF NEIDHART-STRASSE 18 7347 BAD UBFRKINGEN FRG. AND HANS STAHLCKER OF HALDENSTRASSE 20 7334 SUSSEN, BOTH ARE GERMAN NATIONALS.

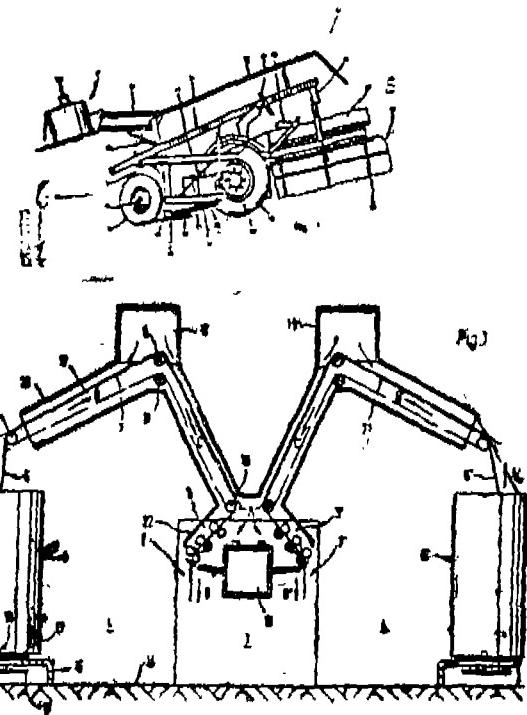
Inventor : GERD STAHLCKER.

Application No. 191/Cal/1992; filed on 23rd March, 1992.

Appropriate office for opposition Proceedings (rule 4, Patent Rule 1972) Patent Office, Calcutta,

**7 Claims**

A spinning machine comprising plurality of spinning stations, depositing sites for cans containing sliver, and transport devices which contain transport belts for the transporting of the slivers from the cans to the spinning stations air conditioning devices (19, 19'; 23, 23'; 27; 31, 31'; 34; 37, 37'; 42) are provided for admitting air-conditioned air to the silvers (6, 6') on their path between the cans (5, 5') and the spinning stations (2, 2').



Compl. specn. 16 pages Drgns 8 sheets

Cl. : 5 C .177326

Int. Cl. : A 01 D 45/10,

## SUGAR CANE HARVESTER.

Applicant : W. E. MOLLER & SONS PTY LTD. (A. C. N. 010 496 894) OF MS221, NERADA ROAD, TINANA, MARYBOROUGH, QUEENSLAND, 4650, AUSTRALIA.

Inventors : (1) GEOFFREY WILLIAM MOLLER, AND (2) KENNETH ROBIN MOLLER.

Application No. 291/Cal/1992; filed on 28th April, 1992.

Complete Specification left on 07th April, 1993.

Appropriate office for opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

10 Claims

A sugar cane harvester including :

a frame mounted on ground wheels;

a topping cutter mounted forwardly of the frame to cut the tops from the cane;

a base cutter to cut the cane at or around ground level;

bin means at the rear of the frame to receive sticks of cane; and

conveyor means to transport the cut sticks of cane from the base cutter to the bin.

Compl. specn. 8 pages Drgns. 3 sheets  
Prov. specn. 6 pages Drgns. Nil

Cl. : 390 .177327

Int. Cl. : C 01 B 33/28, 33/32.

## A PROCESS FOR THE PREPARATION OF CRYSTAL-LINE TITANIUM SILICATE SIEVE ZEOLITE.

Applicant : ENGELHARD CORPORATION OF 101 WOOD AVENUE, ISELIN, NEW JERSEY 08830, UNITED STATES OF AMERICA.

Inventor : STEVEN MITCHELL KUZNICKI.

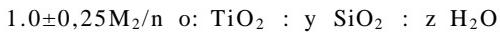
Application No. 328/Cal/1992; filed on 14th May, 1992.

(Divided out of No. 1041/Cal/1988; antited 19-12-88).

Appropriate office for opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

13 Claims

A process for the preparation of a crystalline titanium silicate sieve zeolite having a composition in terms of mole ratios of oxides as follows :



wherein M is at least one cation having a valence of n, y is from 2.5 to 25 and z is from 0 to 100 which comprises :

(a) forming a reaction mixture with a reagent molar ration composition as herein described containing a titanium source, a source of silica and a source of alkalinity such as herein described with or without an alkali metal fluoride component such as herein described;

(b) heating said reaction mixture to the temperature range of 100°C to 200°C for a period of time ranging from 8 hrs. to 40 days to form said crystalline product;

(c) segmenting said crystalline product from the residual reaction mixture and thereafter;

(d) filtering;

(e) water washing and subsequently;

(f) drying thereby forming the crystalline titanium silicate molecular sieve zeolite.

Compl. specn. 27 pages Drgns. Nil

Cl. : 129 M .177326

Int. Cl. : B 23 D 15/06.

## "APPARATUS FOR SHEARCUTTING A STACK OF AMORPHOUS STEEL STRIPS".

Applicant : GENERAL ELECTRIC COMPANY, OF 1 RIVER ROAD, SCHENECTADY 12345, NEW YORK, UNITED STATES OF AMERICA.

Inventor : MR. WILLIAM KIRK HOUSER,

Application No. 134/Cnl./1993; filed on 05th March, 1993.

Appropriate office for opposition Proceedings' (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

9 Claims

Apparatus for shear-cutting a stack, of thin amorphous steel sheets along a cutting plane that extends transversely of said stack, comprising :

(a) first and second blades each having a first surface for engaging said stack at one side thereof and a second surface that extends transversely of said first surface and generally parallel to said cutting plane, the first and second surfaces of each blade intersecting at a corner.

(b) means for positioning said blades at the start of a cutting operation so that said corners are positioned at opposite sides of said stack and also on opposite sides of said cutting plane in juxtaposition thereto, and

(c) mean for moving one of said blades during a cutting operation so that the corner thereof moves toward the corner of the other blade in a direction parallel to said cutting plane, thereby causing the corners' of said blades to shear-cut the stack along said cutting plane, and further characterized by :

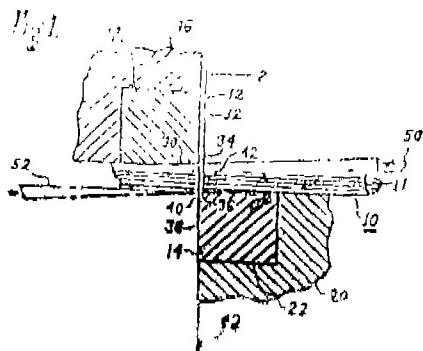
(d) said first surface of said one blade being disposed at predetermined rake with respect to a reference plane extending through a point on the corner of said one blade and normal to said cutting plane and to the direction of motion of said one blade,

(e) said first surface of said other blade being disposed at predetermined rake angle with respect to a reference plane extending through a point on the corner of said other blade and normal to said cutting plane and to the direction of motion of said one blade,

(f) the sum of said rake angles being a negative value of between 5 degrees and 35 degrees, and in which : the rake angle of either of said blades is considered to be negative if said first surface of the blade, in intersecting said second surface thereof at said corner of the blade, is so inclined as to make the corner less sharp than it would be if said first surface were located in said reference plane, and

(g) both of said blades being of a cemented carbide Cutting material that consists essentially of tungsten carbide particles and cobalt particles compacted under high pressure and sintered at a temperature exceeding the melting point of the cobalt, the tungsten carbide particles being

on average, of submicron size before compaction and the cobalt constituting more than 13 percent by weight of the cutting of material.



(Compl. specn. 18 pages.

Drgns.

2 sheets.)

(b) a carbide feed conveyor including a pneumatically, mechanically or electrically driven piston assembly having a truncated or chamfered piston head executing a reciprocating, rectilinear movement along a predetermined path in the said conveyor;

(c) means for controlling the movement of the piston;

(d) drive means for operating the piston in a to-and-fro motion and

(e) carbide damper valve working in conjunction with carbide feed conveyor,

(Compl. specn. 12 Pages, Drgns. 1 sheet)

Cl. 88D+94G.

177329

Int. Cl. B 01 J 7/00, 8/00.  
C 10 H 15/00, 15/14.

"A NOVEL MECHANISM FOR FEEDING CARBIDE TO THE REACTOR IN AN ACETYLENE GENERATOR".

Applicant & Inventor : TEJENDRA GARG, of 15, Ganesh Chandra Avenue, 1st Floor, Calcutta-700013, West Bengal, India.

Application No. 176/Cal/1993; filed on 26th March, 1993.

Appropriate office for opposition Proceedings (Rule 4, patent rule 1972) Patent Office, Calcutta,

12 claims

A novel mechanism for feeding carbide to the reactor in an acetylene generator which comprises in combination —

(a) means for introducing carbide to a sheet-like or tubular feeder for feeding carbide to water inside the generator :

Cl. 32 F (1) 177330

Int. Cl. 4C 07 C 15/52

"THE PROCESS OF PREPARING 2, 4, 5-TRIHALOSTILBENES".

Applicant: HOECHST AKTIENGESELLSCHAFT, of D-6230 Frankfurt am Main 80, Federal Republic of Germany.

Inventors : (1) MATTHIAS BELLER.

(2) HARTMUT FISCHER.

(3) LAURENT WEISSE.

(4) KLAUS FORSTINGER

(5) FALE PFIRMAN.

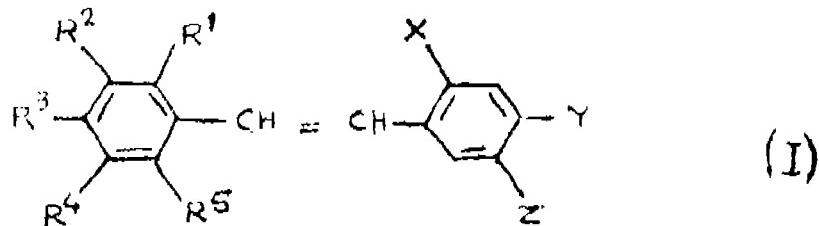
(6) HEINZ STRUTZ.

Application No. 484/Cal/1994; filed on 24th June, 1994.

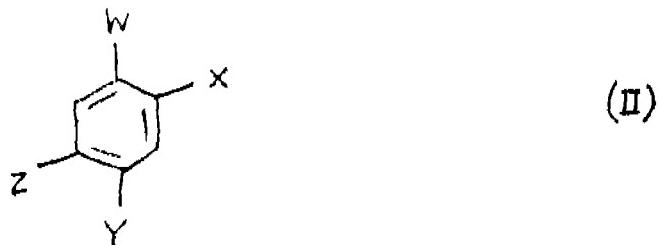
Appropriate office for opposition proceedings (Rule 4, patent rule 1972) Patent Office, Calcutta,

## 17 Claims

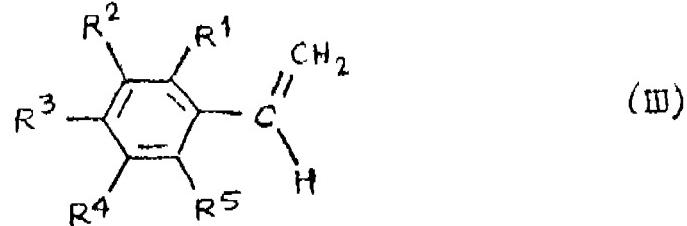
A process for the preparation of a compound of formula I.



wherein  $R^1$  to  $R^5$  independently of one another are hydrogen, alkyl ( $C_1 - C_{12}$ ), fluorine, chlorine, bromine,  $-OH$ ,  $-CN$ ,  $-CHO$ ,  $-OAlkyl$  ( $C_1 - C_8$ ) /  $-Ophenyl$ ,  $-OCOalkyl(C_1 - C_8)$ ,  $OCOPhenyl$ ,  $-NH_2$ ,  $-NHalkyl$  ( $C_1 - C_8$ ) /  $-NHphenyl$ ,  $-N(alkyl)_2(C_1 - C_8)$ ,  $-Nphenylalkyl$ ; ( $C_1 - C_8$ ),  $-N(phenyl)_2$ ,  $-NHCOalkyl(C_1 - C_8)$ ,  $-NHCOphenyl$ ,  $-NO_2$ ,  $CN$ , alkenyl and  $-CF_3$  and  $X$ ,  $x$ , and  $z$  are halogen atoms, which comprised reacting a compound of the formula II



in which  $X$ ,  $Y$  and  $Z$  are as already defined and  $w$  is an iodine, bromine or chlorine atom of a diazonium group  $N_2A$ , in which  $A$  is an anion of an acid having a  $pK_a < 7$ , with a compound of the formula (III)



in which  $R^1$  and  $R^5$  are as defined, in the presence of catalytic quantities of a palladium catalysts, in a solvent such as herein described and in the presence or absence of a base and/or stabilizing

Irgands such as herein described and/or quaternary ammonium salts or phosphonium salts, wherein the said Palladium catalyst is optionally employed on a support material such as herein described, the said catalyst comprises 0.5-20% by weight, based on the support material. 0.5 to 10 mol of compound of formula (III) are employed per mol of compound of the formula II and the preparation of palladium to haloaromatic compounds or diazonium compound is from 0,001 to 20 mol % the said reaction being carried out at a temperature range of 60--170° C in a multi-Phase system.

Compl, Specn. 15 pages.

Cl. : 144B 177331  
Int, Cl.<sup>4</sup> : C 09 D 5/03.

"A POWDER COATING COMPOSITION".

Applicant: SOMAR CORPORATION OF 11-2. Ginza 4-chome, Chuo-ku, Tokyo, Japan.

Inventors. (1) KUNIMITSU MATSUZAKI  
(2) KAZUYA ONO  
(3) SEITARO IWAMOTO  
(4) MIKIO OSA  
(5) TAKESHI WATANABE.

Application No, 42/Cal/92 filed on 24th January. 1992.

Appropriate office for opposition Proceedings (Rule 4, Patent rule 1972) patent Office Calcutta.

2 claims

A Powder coating composition comprising:

100 parts by weight of an epoxy resin such as herein described,

5-35 parts by weight of an acid anhydride such as herein described,

2-30 parts by weight of a Phenol resin such as herein described,

0.05-5 Parts by weight of a curing accelerator such as herein described and

130-270 parts by weight of an inorganic filler consisting of 99.7-87.0 % by weight of a first filler component such as herein described having an average particle size of 0.5-100 um and 0.3-13.0 % by weight of a second filler component such as herein described having an average Particle size of .001 to 0.1 um,

Compln. Specn; 10 Pages,

Drgns : Nil

Cl.: 40B, 40F.

177332

Int. Cl.<sup>4</sup> : C 12 P 1/04.

"A METHOD FOR OBTAINING DEEP DESULFURIZED FOSSIL FUEL".

Applicant: ENERGY BIOSYSTEMS CORPORATION OF 4200 Research Forest Drive, The Woodlands, Texas 77381, United States of America.

Inventor: DANIEL JOSEPH MONTICELLO.

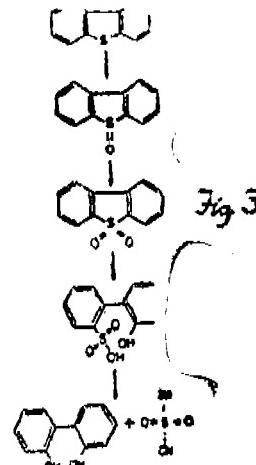
Application No. 163/Cal/92 filed on 10th March, 1992.

Appropriate office for opposition proceedings (Rule 4, patent rule 1972) Patent Office Calcutta.

14 claims

A method for obtaining desulfurized deep fossil fuel, comprising the steps of :

- (a) subjecting the fossil fuel to hydrodesulfurization (HDS), whereby sulfur susceptible to the removal by HDS is removed from the fossil fuel;
  - (b) contacting the fossil fuel with an effective amount of a biocatalyst comprising one or more microorganisms or enzymes thereof such as herein described capable of depleting the fossil fuel of organic sulfur which are refractory to HDS under conditions sufficient for the desulfurization of a substantial amount of the HDS-refractory organic sulfur, and
  - (c) separating the products of desulfurization step
- (b), the products including:
- (i) fossil fuel depicted of HDS-refractory organic sulfur, and
  - (ii) said biocatalyst and the sulfur-containing reaction products of the desulfurization of step (b).



compln. Specn. : 25 pages

Drgns. 02.

Cl.: 131A 3,27 1&amp; 101 F.

177333.

Im. Cl.<sup>4</sup>: E 21 B 43/00.

"A WELL STRUCTURE FOR GENERATION OF ELECTRICITY".

Applicant & Inventor: JAYANT LAL PAL, of Hydraulic Colony, P.O. Khagaul, Patna 801105, Bihar, India.

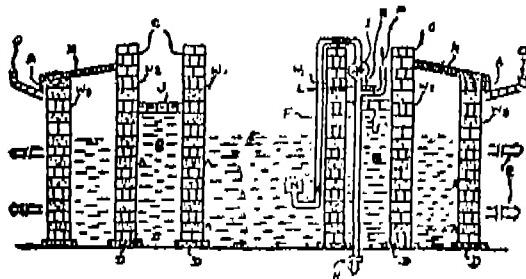
Application No. 275/Cal/92 filed on 21st April, 1992.

Appropriate office for opposition proceedings (Rule 4, patent rule 1972) Patent Office Calcutta.

7 claims.

A well structure suitable for generation of electricity by the use of ground water for running a conventional turbine, the well structure comprising:

- (a) three wells, first well being constructed axially within the second well and the well-walls constructed wholly or partially of porous blocks;
- (b) the second well axially surrounding said first well and covered at the top with bricks or precast slabs with porous blocks at the mouth and at the top portion of the outer periphery a slanting arrangement with lining of bricks or the like is made for water to collect for primary filtration and empty into the well through said porous block;
- (c) said first well at the centre, having one or more sets of siphon arrangement attached to a turbine or turbines fitted at the mouth of the boring pipe upto a lower water bearing strata at a side in the said second well; and
- (d) a third well surrounding axially therewithin said first and second wells, said third well being filled with filtering material, such as herein described with top covered with bricks or precast slabs,



Compl. Specn. 13 pages.

Drugs.: 01.

Cl. ; 194 C 1, 2, 5

177334

Int. Cl.4 : H 01 J 29/88

"METHOD AND APPARATUS FOR COATING GRAPHITE ON CATHODE RAY TUBE".

Applicant : SAMSUNG ELECTRON DEVICES, CO. LTD., of 575, Shin-ri, Teean-eub, Hwaseong-gu, Kyunggi-do, Republic of Korea.

Inventor : MYEONG-GI PAEK.

Application No. 105/Cal/1991 filed on 1st February, 1991.

Appropriate office for opposition proceedings (Rule 4, patent rule 1972) Patent Office Calcutta.

7 claims

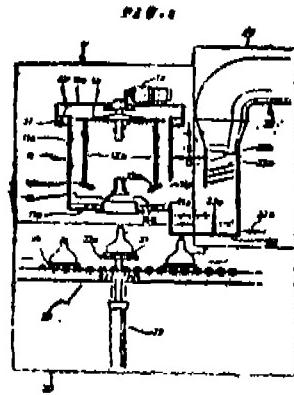
A method of coating graphite on a cathode ray tube comprising the steps of :

Spraying graphite within an enclosed space through an aperture in a cover having a shape corresponding to the outer shape of a cathode ray tube;

conveying cathode ray tubes to achieve their individual and timely approach to the region wherein graphite is sprayed; said spraying and conveying being controlled by a controller;

interrupting the dispersion of graphite dust and partially sucking it away by forming a water curtain near the inner wall of said closed space; and

discharging said graphite dust dispersed into said closed space to the outside of it and collecting said graphite dust,



compln, specn. : 12 pages.

Drngs. : 02.

Cl. : 63 1

177335

Int. Cl.<sup>4</sup> : H 02 K 16/04 & 21/00,

"TWO-STATOR INDUCTION SYNCHRO-  
NOUS MOTOR".

Applicant : SATAKE ENGINEERING CO. LTD., of 7-2, Sotokanda 4-chome, Chiyoda-ku, Tokyo 101, Japan.

Inventors : (1) TOSHIHIKO SATAKE and (2) YUKIO ONOGI.

Application No. 223/Cal/91 filed on 15th March, 1991.

Appropriate office for opposition proceedings (Rule 4, patent rule 1972) Patent Office Calcutta.

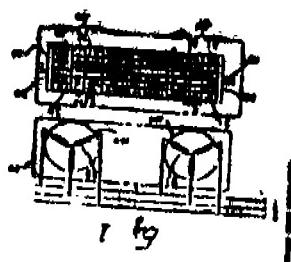
7 claims

A two-stator induction synchronous motor comprising : a unitary rotor having a first rotor assembly and a second rotor assembly which are provided on a common rotary axis and each of which is formed by a permanent magnet and a rotor core; a plurality of conductive members which are provided on each of said rotor cores and extending through both said rotor cores, and a pair of short-circuit rings connecting said conductive members at their ends;

said first rotor assembly and said second rotor assembly respectively having a first pair and a second pair of magnetic poles of said permanent magnets disposed in such a relative relation that said first pair of magnetic poles and said second pair of magnetic poles are displaced by 180 degrees with each other;

a first stator and a second stator facing surrounding said first rotor assembly and said second rotor assembly, respectively, and

a phase shifting means which produces a phase difference of 0 degree or 180 degrees between a voltage which said first stator produces in said conductive members by a rotating magnetic field generated around said first rotor assembly faced by said first stator and a voltage which said second stator produces in said conductive members by a rotating magnetic field generated around said second rotor assembly faced by said second stator.



(Compln. Specn. : 25 pages. Drgns. : 09 sheet)

Cl : 40 B 177336  
Int. Cl.<sup>4</sup> : B 01 J 35/06.

"CATALYST UNIT"

Applicant & Inventor : ALAN EDWARD HEYWOOD, OF 209, HUGHENDEN ROAD, ST.

ALBANS, HERTFORDSHIRE AL4 90 F UNITED KINGDOM.

Application No. 571/Cal/91 filed on 31st July, 1991.

Appropriate office for opposition proceeding (Rule 4, patent rule 1972) Patent Office Calcutta.

16 claims

A catalyst unit comprising a quantity of a first catalytic material being wholly or predominantly platinum but excluding tertiary platinum alloys containing more than thirty percent of palladium by weight and a quantity of a second catalytic material being wholly or predominantly palladium, the second catalytic material being positioned to act as a getter for the first catalytic material and to contribute to the catalytic effectiveness of the unit, characterised in that the first catalytic material is distributed non-uniformly through the unit and in that the second catalytic material is substantially free of gold.

(Compln. specn. : 20 pages Drgns. 2 sheets)

Cl. : 172 D 4 177337

Int. Cl.<sup>4</sup> : D 01 H1/241.

"A SPINNING MACHINE"

APPLICANTS : FRITZ STAHLER, JOSEF. NEIDHART-STRASSE 18 7347 BAD UBERKINGEN, FRG AND HANS STAHLER, HALDEN-STRASSE 20 7334 SUSSEN, FRG, BOTH GERMAN NATIONALS,

Inventor : FRITZ STAHLER.

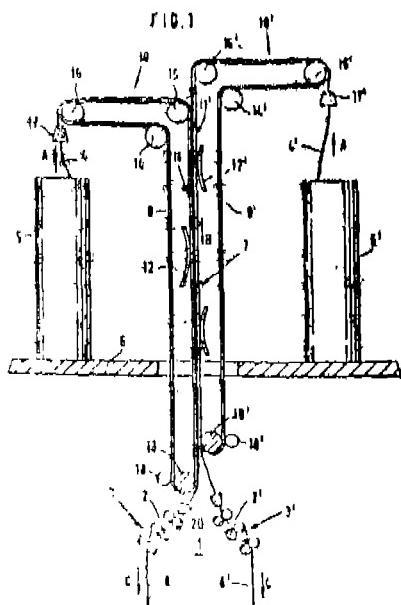
Application No. 573/Cal/91 filed on 1st August, 1991.

Appropriate office for opposition proceeding (Rule 4, patent rule 1972) Patent Office Calcutta.

9 claims

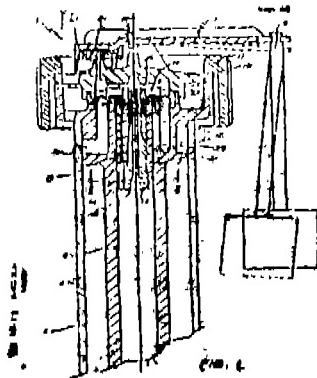
A spinning machine having several spinning stations for spinning yarns from slivers which are fed to the spinning stations in cans, guiding devices for the slivers being provided between the cans and the spinning stations, characterized in that the guiding devices (7) comprises atleast a single conveyor belt

(9,9'; 309, 309'; 609; 909,909') for at least two slivers (4, 4', 4a, 4a') to be conveyed side-by-side and travelling over deflecting rollers (13 and 13'; 16 and 16')



(Compln. Specn. ; 15 pages Drgns. : 4 sheets.)

racterised in that said valve body is elongate, extends into said inlet with a clearance therebetween, and is reciprocal within said inlet with the movement of said diaphragm: and said pressure transfer passage extends through said valve body and opens on the inlet side of the valve body at an opening in the valve body, said opening being located adjacent and communicating with, said clearance whereby said clearance between said valve body and said inlet is less than the maximum width of said opening and acts as an inlet filter for said pressure transfer Passage.



(Compln. Specn. 11 pages Drgns, 5 sheets)

Cl ; 45 G3 II (1) 177338

Int. ; E 03 D 1/32

"A VALVE ARRANGEMENT FOR AN HYDRAULICALLY ASSISTED CISTERNS INLET VALVE".

Applicant: CAROMA INDUSTRIES LIMITED OF 10 MARKET STREET BRISBANE, QUEENSLAND-4000 AUSTRALIA.

Inventors : (1) DEVID BRIAN SWIFT  
(2) DAVID CHELCHOWSKI.

Application No. : 601/Cal/1991 filed on 9th August. 1991.

Appropriate office for opposition Proceedings (Rule 4, patent rule 1972) patent office Calcutta.

10 Claims

A valve arrangement for an hydraulically assisted cistern inlet valve, said arrangement comprising an inlet leading into a chamber which in turn leads to an outlet, the chamber being divided into first and second portions by a flexible diaphragm said first portion being provided with a releasably closable pressure relief passage existing to atmosphere, said second portion communicating with said outlet, said inlet being closable by a valve body movable by said diaphragm and said valve body having a permanently open pressure transfer passage extending between said inlet and said first portion ch-

Cl : 121 177339

Int.Cl<sup>4</sup> : C 03 C 17/30

"METHOD OF PRODUCING STRENGTHENED CLASS"-

Applicant : ATOCHEM NORTH AMERICA, INC., THREE PARKWAY, PHILADELPHIA, PENNSYLVANIA 19102. UNITED STATUS OF AMERICA.

Inventors : (1) STEPHEN WILLIAM GARSON  
(2) RYAN RICHARD DIRKX  
(3) VICTOR DENNIS PAPAN.

Application No. 635/Cal/1991 filed on 26th August. 1991.

Appropriate office for Opposition Proceedings (Rule 4, patent Rule 1972) patent office Calcutta.

6 Claims

A method of producing strengthened glass comprising contacting the glass substrate with an aqueous solution of a silane compound selected from vinyl trimethoxysilane  
methyl trimethoxysilane  
glycidoxypropyltrimethoxysilane  
2-(3,4-epoxycyclohexyl) ethyltrimethoxysilane  
methacryloxypropyltrimethoxysilane,  
and

heating within the temperature range of 20 to 200 C and removing water to form a coating.

Compln. Specn. : 19 pages Drgns. : Nil

Cl : 40 F

177340

Int. Cl<sup>4</sup> : C25B 11/03  
G25B 11/04

"An assembly comprising a reactivated electrodic structure",

Applicant : DE NORA PERMELEC S.P.A.  
Via Bistolfi 35-20134 Milan. ITALY

Inventor : GIUSEPPE FAITA

Application No. 833/Cal/1991 led on 4th November, 1991.

Appropriate office for opposition proceedings (Rule 4, patent Rule 1972) Patent Office, Calcutta.

## 10 Claims

An assembly comprising a reactivated electrodic structure with baffles for conveying the produced gas to the rear space having an electrocatalytic coating exhausted after operation and a forminous screen provided with a new active electrocatalytic coating positioned on said structure said screen and said structure being electrically and mechanically connected by soft arc-welding, spot resistance welding, riveting, bolting.

Compln. Specn. 13 pages

Cl : 32E

177341

Int. Cl<sup>4</sup> : C 08 F 8/00. 12/04.

A PROCESS FOR PREPARATION OF POLYMERS COMPRISING POLY (4-HYDROXYSTYRENE) OR SUBSTITUTED POLY (4-HYDROXYSTYRENE) OR BOTH.

Applicant : HOECHST CELANESE CORPORATION, a corporation organised and existing under the laws of the State of Delaware, having an address of Route 202-206 North Somerville, New Jersey: United States of America.

Inventors : MICHAEL THOMAS SHEEHAN AND JAMES H. REA.

Application No. 459/Cal./91, Filed on 18th June, 1991.

Appropriate office for opposition Proceedings (Rule 4, patent rule 1972) Patent Office Calcutta.

## 37 Claims

A Process for Preparation of polymers or copolymers comprising poly (4-hydroxystyrene) or alkyl substituted Poly (4-hydroxystyrene) or both, said process comprising the steps of :

(a) reacting a mixture comprising 4-acetoxy styrene monomer or alkyl substituted 4-acetoxy styrene

monomer or both and an initiator wherein said initiator and its decomposition products alone or as polymer capping groups do not substantially absorb radiation over wavelengths ranging from about 240 to about 260 nm or wherein said initiator is present at a concentration of less than about 3 mole % of said monomer, in a reaction medium comprising about 10% to about 50% of said monomer and at least one organic solvent as herein described at a temperature whereby the half life of said initiator is 0.5 to 10 hours to produce a Polymer comprising poly (4-acetoxystyrene) or alkyl substituted poly (4-acetoxystyrene) or both, whereby either as a result of monomer conversion or due to removal or residual monomer, 10 wt % or less residual monomer, based on the weight of Polymer Produced is present in the reaction mixture used during a subsequent transesterification reaction step; and

b) subsequently transesterifying said poly (4-acetoxystyrene) to poly (4-hydroxystyrene) or transesterifying said alkyl substituted poly (4-acetoxystyrene) to alkyl substituted poly (4-hydroxystyrene) or transesterifying both, in a transesterification reaction medium comprising at least one equivalent of a C1-C5 alcohol per equivalent of non-transesterified poly (4-acetoxystyrene) or alkyl substituted Poly (4-acetoxystyrene), using an acid catalyst having a concentration in the range of 5ppm to 10.000 ppm to achieve said transesterification, wherein at least 85% by weight conversion of said poly (4-acetoxystyrene) to said poly (4-hydroxystyrene) or conversion of said substituted poly (4-acetoxystyrene) to said alkyl substituted poly (4-hydroxystyrene) or at least 85% by weight transesterification of both is obtained; and

(c) isolating the product in a manner as herein described, and if desired, a portion of the hydroxy functional groups are replaced with functional groups selected from t-butylcarbonyloxy and t-butoxy groups.

Compl. Spencn. 42 pages Drngs, Nil

Cl : 47 E: 47B: 47C,

177342

Int. Cl<sup>4</sup> : C 10B 33/00. C 10B 33/12.C  
10B 41/08. C 10B 43/02,

"A HIGH PRESSURE LIQUER ASPIRATION SYSTEM",

Applicant : OTTO INDIA LIMITED, having its registered office at F/16, Sector-2, Rourkela-679006, Orissa, India an Indian Company,

Inventor : HORST WERNER KLEINERT.

Application No. 505/Cal/1991; Filed on 04-07-91.

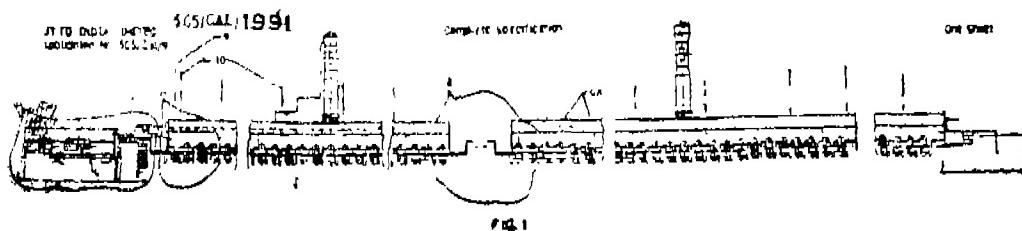
Complete Specification left on 15-12-92.

Appropriate office for opposition Proceedings (Rule 4. Patent rule 1972) Patent Office Calcutta.

#### 04 Claims

A high pressure liquer aspiration system for transferring the gases containing coal dusts, generated in a coke oven during charging of coal therein, to the gas collecting main 11 of a coke oven plant, characterised in that the system comprises two pumps 2, one working and the other remaining stand by at

a time, installed on the oven top-end platform, each being provided with a suction header/pipe 3 through which ammonical liquor is sucked in from an existing liquor header of the plant and a discharge header/pipe 4 to inject the liquor under a pressure of preferably 30 bar through a number of valves into nozzle 15 of the gooseneck, connected to the ascension pipe 14 having a lid and to the gas collecting main having an isolation valve, and to create thereby a strong suction in the gooseneck as well as in the ascension pipe, which suction removes all the gases produced in the oven during charging of coal therein, instantaneously and completely, and transfers the gases into the gas collecting main :



Compl. Spencn. 13 Pages

Drgns, 01 Sheet

Cl. : 143 A, C

177343

Int Cl. : B 65 B 27/12; B 30B 09/30.

AN APPARATUS FOR SEVERING TIES OR A WRAPPER SURROUNDING A FIBRE BALE.

Applicant : TRUTZSCHLER GMBH & CO. KG., OF DUVENSTR 82-92 D-4050, MONCHENGLADBACH 3, GERMANY. A GERMAN COMPANY.

Inventors : (1) ANDREAS KRANEFELD.  
(2) JOSEF TEMBURG.  
(3) ABI MAROM.

Application No. 595/Cal/1991, filed on 07-08-1991,

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

#### 13 Claims

An apparatus for severing ties or a wrapper surrounding a fibre bale, comprising :

- (a) a cutting device having
  - (1) a rotary cutting wheel including a peripheral cutting edge;
  - (2) drive means for driving said rotary cutting wheel;
  - (3) a counterelement positioned adjacent said rotary cutting wheel in an overlapping relationship therewith;

said counterelement having a cutting edge; said cutting edge of said rotary cutting wheel and said cutting edge of said counterelement cooperating with one another as shears for performing severing;

- (b) supporting means for positioning the fibre bale; and
- (c) moving means for displacing said, cutting device as a unit relative to the supporting means for causing said counterelement to penetrate into the fibre bale underneath the tie to countersupport the tie during severing of the tie by the cutting device.

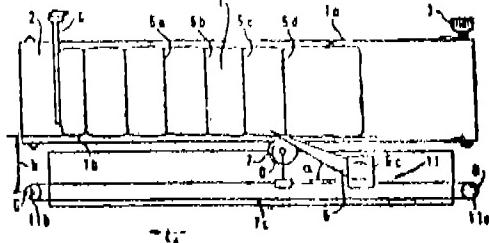


FIG.1

Compl Specn. 18 pages ;

Drgns, 08 Sheets.

Cl. ; 63

A.

177344

Int. Cl. 4 ; A 63 B 69/16 ; B 62 H 1/12.

"IMPROVED STABILIZER DEVICE FOR LEARNING TO RIDE A BICYCLE".

Applicant : RAYMOND JOHN GOOD, OF 60 GWEL ERYRI, LLANDEGFAN, MENAI BRIDGE, GWYNEDD NORTH WALES. LL59 5RD, GREAT BRITAIN, A BRITISH SUBJECT.

Inventor : RAYMOND JOHN GOOD.

Application No. 633/Cal/91; filed on 26-08-1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Mice, Calcutta.

## 23 Claims

A stabilizer device for a bicycle or tricycle comprising management provided, on both sides of said bicycle or tricycle support as herein described for supporting a stabilizer wheel or other rolling ground-engaging means having an axis of rotation and mounting means for mounting the support means on such a cycle; wherein the improvement comprises providing said ground-engaging means which is laterally adjustable, securably locatable, horizontally or substantially horizontally nearer to or further from any vertical plane, which intersects said mounting means and is oriented along the normal direction of travel of the cycle when said device is in its normal operating position on an upright cycle; upon the said lateral adjustment of said ground engaging means, its axis of rotation remains, or is adjustable to be, at right angles or substantially at right angles to said plane, said stabilizer device further provides an adjustably securably locatable substantially vertically engaging means wherein the axis of rotation of said ground-engaging means is locatable in more than one lateral and vertical coordinate position within its combined lateral and vertical adjustment ranges and the device is in its normal operating position on an upright cycle and is viewed from the front or rear of such a cycle, in which the lateral adjustment of said ground-engaging means relative to said vertical plane is by a backward or forward pivoting adjustment of the support means in the mounting means about a vertical or substantially vertical axis; a further pivoting means having a pivotal axis parallel to said vertical or substantially vertical axis is also provided at the outer end of the support means, spaced further from the mounting means, to enable the axis of the stabilizer wheel plane to be realigned parallel with the plane of the mounting means or cycle after said pivoting adjustment of the support means.

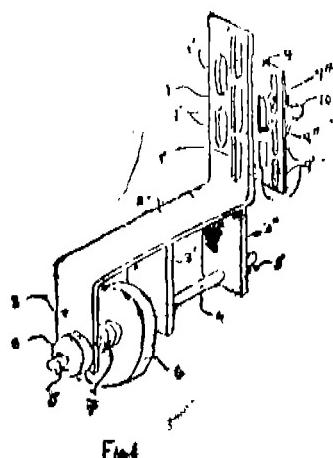
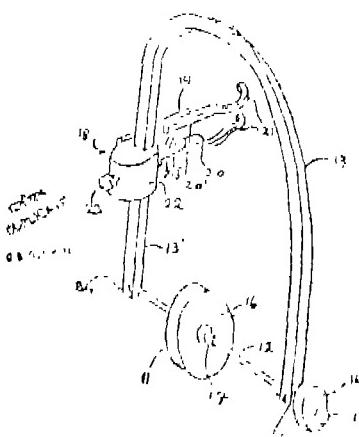


FIG. 1



Compl. Specn. 34 Pages;

Drgns. 07 Sheets,

Cl. : 172 C, I, G. 177345  
Int. CI.4 : D 01 G 15/12, 15/02.

## A DEVICE FOR THE SEALING OF A ROTATING FIBRE FEED ROLLER OF A SPINNING MILL PROCESSING MACHINE.

Applicant : TRUTZSCHLER GMBH & CO. KG., OF DUVENSTR, 82-92, D-4050 MONCHENGLADBACH 3, GERMANY, A GERMAN COMPANY.

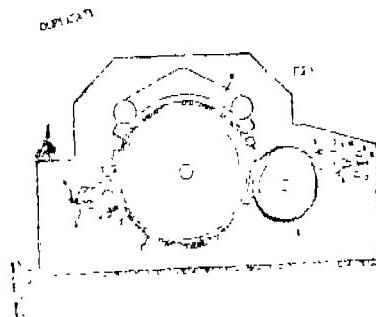
Inventors : (1) BERND WINDGES.  
(2) FERDINAND LEIFELD.

Application No. 770/Cal/1991; filed on 11-10-1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

## 23 Claims

A device for the sealing of a rotating fibre feed roller of a spinning mill processing machine, eg. carding machine, card, card feeder, cleaner, where a narrow gap assuring the free rotatability of the roller is present between the areas of the roller, cylinder or similar other mechanism and the stationary wide wall lying opposite to those and where a scaling is provided for the sidewise sealing of the roller opposite to the side walls, characterised in that the sealing (1) consists of a slidable and abrasion proof material and the side area (18b) of the sealing (18) lying opposite to the side area (18a) remains caught in a sliding way with the inner area (17a) of a side wall (17).



Compl. Specn. 11 Pages;

Drgns. 04 Sheets.

Cl. : 68 El 177346

Int. CI.4 : H 05 B 41/16.

## "FAIL-SAFE UNINTERRUPTIBLE LIGHTING SYSTEM".

Applicant : M. LARRY EDWARDS, A CITIZEN OF UNITED STATES OF AMERICA, OF 2616 2ND ST. WOODWARD, OK 73801 AND W JOE WATSON, A CITIZEN OF UNITED STATES OF AMERICA, OF 3005 BROKEN BOW ROAD EDMOND, OK 73013 UNITED STATES OF AMERICA.

Inventors : (1) M. LARRY EDWARDS.  
(2) W JOE WATSON.

Application No. 922/Cal/1991; filed on 12-12-1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

## 08 Claims

Fail-Safe uninterruptible lighting system comprising : at least one fluorescent lighting element, a battery connected to said lighting element through control means, a battery charger connected to said battery and said control means and a source of alternating current power connected to said

battery charger, characterised in that; said control means has control circuits with latch circuits interconnecting said lighting element with said battery and said source of A.C. power, such that in a first mode, said lighting element is normally energized by said source of power and said battery and uninterrupted and unswitched power is supplied to said lighting element by said battery in the event of said source of A.C. power being interrupted, and such that in a second mode, the power-on/power off condition of voltage applied to said lighting element is sensed, and in the event of voltage being applied to said lighting element, power is concurrently supplied by said source of A.C. power and said battery, said control means having said latch circuits being normally and selectively effective in said second mode in the event of no voltage being applied to said lighting element and said A.C. power being interrupted, to energize and turn ON said lighting element from said battery; said latch circuits (321, 330) being constituted by memory circuits for sensing the mode of said control means so that when said control circuits are in a first selectable condition and said control means are in said first mode, said lighting element is energized, and so that when said control circuits are in a second selectable condition and said control means are in said second mode, with no voltage being applied to said lighting elements and with A.C. power interrupted, said control circuits are selectively effective to prevent energization of said lighting elements from said battery.

Compl. Specn. 44 Pages;

Drgns. 09 Sheets.

Cl. : 128 G.

177347

Int. Cl.<sup>4</sup> : A 61 B 17/10.

**"A CARTRIDGE COMPRISING OF ATLEAST ONE SURGICAL STAPLE".**

Applicant : ETHICON, INC., OH U.S. RT. 22, SOMERVILLE, NEW JERSEY, UNITED STATES OF AMERICA, A U.S. CORPORATION OF THE STATE OF OHIO, UNITED STATES OF AMERICA.

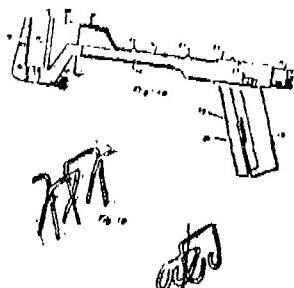
Inventors : (1) HECTOR CHOW, (2) EARL J. MILLS, (3) FEDERICO BILOTTI, (4) RONALD J. BRINKERHOFF, (5) MARTIN MADDEN, (6) RICHARD L. GRANT.

Application No. 101 /Cal/1992, filed on 11-02-1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

20 Claims

A- cartridge comprising of atleast one surgical staple for insertion into tissue having a crown connected to two legs wherein said staple in a closed tissue-gripping position comprises said legs folded toward said crown so that said leg ends approximate said crown and characterised in that said leg ends overlap each other along said crown length.



Compl. Specn. 14 Pages;

Drgns. 02 Sheets.

Cl. . 70A

177348

In. Cl. : C 25 B 9/00.

**A BIPOLAR, FILTER PRESS TYPE ELECTROLYTIC CELL FOR THE PRODUCTION OF CHLORINE AND ALKALI METAL HYDROXIDE,**

Applicant : ASAHI KASEI KOGYO KABUSHIKI KAISHA, 2-6, DOJIMAHAMA 1-CHOME, KITA-KU, OSAKA-SHI, OSAKA, JAPAN, A JAPANESE JOINT STOCK COMPANY.

Inventors : (1) NOAKI YASUHIDE. (2) OKAMOTO SABURO.

Application No. 179/Cal/ 1992; filed on 17-03-1992

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

11 Claims

A bipolar, filter press type electrolytic cell for the production of chlorine and an alkali metal hydroxide comprising a plurality of unit cells which are arranged in series through a cation exchange membrane disposed between respective adjacent unit cells, each unit cell comprising";

(A) an anode-side pan-shaped body made of a metallic material

(B) a cathode-side pan-shaped body made of a metallic material.

each of said pan-shaped bodies (A) and (B) comprising a partition wall, a frame wall extending from the periphery of the partition wall, and upper and lower crooked flanges having an L-shaped cross-section and respectively extending from the upper-side and lower-side portions of said frame wall,

said upper and lower crooked flanges cooperating with said upper-side and lower-side portions of the frame wall, respectively, to thereby form upper and lower recesses.

said pan-shaped body( (A) and pan-shaped body (B) being disposed back to back, to thereby form upper and lower throughspaces respectively defined by the upper recesses of said pan-shaped bodies (A) and (B) and the lower recesses of said pan shaped bodies (A) and (B)

said partition wall of the pan-shaped body (B) having a anode fixed thereto through a plurality of electrically conductive ribs to form an anode compartment with an anode-side non-current-flowing space left above said anode compartment and below said upper-side portion of the frame wall of said pan-shaped body (A).

said partition wall of the pan-shaped body (B) having a cathode fixed thereto through a plurality of electrically conductive ribs to form a cathode compartment with a cathode-side non-current-flowing space left above said cathode compartment and below said upper-side portion of the frame wall of said pan-shaped body (B)

(C) upper and lower engaging bars fittedly disposed in said upper and lower through-spaces, respectively, and serving to fasten said pan-shaped bodies (A) and (B) back to back, and

(D) an anode-side gas-liquid separation Chamber disposed in said anode-side non-current-flowing space and extending over the entire upper-side length of said anode compartment, and a cathode-side gas-liquid separation chamber disposed in said cathode-side non-current-flowing space and extending over the entire upper-side length of said cathode compartment,

said anode-side and cathode-side gas liquid separation chambers having perforated bottom walls partitioning said anode-side and cathode-side gas-liquid separation chambers from said anode compartment and said cathode, compartment, respectively.

Compl. Specn. 77 Pages.

Drgns. 04 Sheets.

Cl. : 83 Bl. XIV

177349

Int. Cl.<sup>4</sup> : A 23 L 3/36 F 25 D 25/04.**"AIR TREATMENT PLANT FOR FOODSTUFFS"**

Applicant : FRIGOSCANDIA FOOD PROCESS SYSTEMS AB RUSTHALLSGATAN 21 (BOX 913), S-251 09 HELSINGBORG, SWEDEN. A COMPANY DULY ORGANISED AND EXISTING UNDER THE LAWS OF SWEDEN.

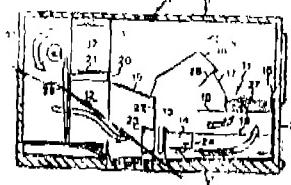
Inventor : SEVEN-OLLE ROTHSTEIN.

Application No. 702/Cal/92; filed on 29-09-1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972). Patent Office, Calcutta.

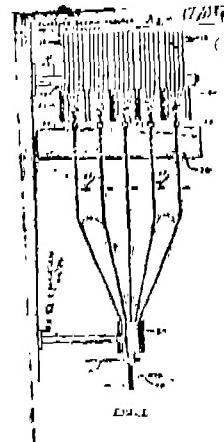
10 Claims.

Air treatment plant for foodstuff, comprising a housing (1) an elongate trough (11) provided within said housing and extending along a portion of the length of the housing for receiving the foodstuffs to be treated, said trough comprising a formated bottom (15), a first side wall (17) and a second side wall (16) the first side wall and the second side wall defining a width therebetween by extending vertically upwards from bottom (15); a heat exchanger (12) disposed within said housing; and a fan assembly (13) disposed within said housing for producing an air flow circulating through the heat exchanger, upwardly through the trough and back to the heat exchanger; wherein the first side wall (17) of the trough (11) is adjustable laterally to the length of the trough in the manner such as herein described and illustrated for changing the width of the trough.



Compl. Specn. 11 Pages,

Drgns. 03 Sheets.



Compl. Specn. 31 Pages.

Drgns. 02 Sheets.

**CLAIM UNDER SECTION 20(1) OF THE PATENTS ACT, 1970.**

In pursuance of leave granted under Section 20(1) of the Patents Act, 1970 application No. 396/Del/88 (172658) of Alsthom has been allowed to proceed in the name of GEC Alsthom S.A., France.

In pursuance of leave granted under Section 20(1) of the Patents Act, 1970 application No. 694/Del/88(175346) of National Research Development Corporation has been allowed to proceed in the name of British Technology Group limited, England.

In pursuance of leave granted under Section 20(1) of the Patents Act, 1970 application No. 806/Del/88(175433) of the B.F. Goodrich company, has been allowed to proceed in the name of the Geon Company, U.S.A.

CL : 32 E.

177350

Int. Cl.<sup>4</sup> : C08 L 23/26.

"COMPOSITION FOR PROTECTING THE CONTENTS OF ENCLOSED SPACE FROM DAMAGE CAUSED BY THE PRESENCE OF WATER".

Applicant : CLARENCE SEXTON FREEMAN A CITIZEN OF UNITED STATES OF AMERICA OF 16242 KATHERIN LANE CHANNEL VIEW, TEXAS 77530, UNITED STATES OF AMERICA.

Inventor : CLARENCE SEXTON FREEMAN.

Application No. 513/cAL/94; filed on 29-06-1994.

Divided out of Application No. 289/Ca1/90; Ante-dated to : 06-04-90.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules 1972). Patent Office, Calcutta.

09 Claims.

A composition for protecting the contents of an enclosed space from damage caused by the presence of water comprising :

a fluid, which is a hydrophobic substance;

an organophilic clay mixed with said fluid for thickening said fluid to form a gel matrix; and

**RENEWAL FEES PAID**

155761	150946	157143	157625	158402	158787	159073	159077
159078	159094	159495	159573	159721	159739	159975	160110
160600	160621	160864	160869	161036	161037	161582	161602
161729	162177	162304	162413	162483	162632	162633	162795
162929	163090	163096	163305	163474	164016	164365	164404
164462	154466	164594	164762	164794	164887	165381	165427
165489	165496	165823	165848	165964	166530	166763	166887
167105	167170	167323	167342	167343	167409	167429	167430
167543	167563	167565	167866	168114	168115	168406	168444
168659	168699	168811	169014	169015	169297	169397	169426
169568	169594	169676	169678	169680	169691	169693	169695
169711	169714	169723	169777	169778	169779	169798	169799
169825	170028	170089	170138	170247	170618	170641	170644
170690	170705	170714	170787	170952	170997	171000	171092
171165	171399	171513	171550	171563	171665	171667	171707
171744	171754	171755	171812	171867	171890	171900	171916
171921	171948	171969	171978	172040	172386	172457	172463
172501	172576	172618	172792	172831	172836	172842	172862
172867	172881	172889	172903	172907	172908	172992	173022
173045	173192	173228	173240	173244	173264	173388	173394
173429	173516	173593	173619	173724	173733	173763	173768
173875	173952	174069	174255	174367	174427	174539	174661
174673	174715	171832	174916	174918	174919	175004	175096

175192 175214 175244 175246 175249 175256 175260 175384  
 175400 175405 175406 175423 175426 175464 175467 175472  
 175636 175673 175688 175752 175758 175759 175966 176052  
 176079.

PATENT SEALED ON 06-12-96

176467\*D 176493 176494 176495 176497 176498 176499  
 176500\* 176503 176505 176506 176507.

CAL.-12. DEL-01, MUM - NIL, CHEN - NIL

## CESSATION OF PATENTS

168651 168652 168682 168692 168732 168758 168776 168775  
 168784 168786 168795 168796 168810 168823 168834 168840  
 168849 168855 168873 168916 168922 168923 168969 168976  
 168985 169005 169026 169029 169033 169043 169052 169058  
 169059 169067 169067 169076 169093 169096 169175.

"Patent shall be deemed to be endorsed with the words LICENCE OF RIGHT Under Section 87 of the Patents Act(1970 from the date of expiration of three years from the date of sealing.

D-Drug Patents. F-Food Patents.

## COMMERCIAL WORKING OF PATENTED INVENTIONS

## CHEMICAL ENGG. LIST NO. 1

The following patents in the field of Chemical Engineering Industry are not being commercially worked in India as admitted by Patentees in the statement filed by them under section 146(2) of the Patents Act, 1970 in respect of calender year 1994. generally on account of want of request for licences to work the Patented invention, persons who are interested to work the said Patent commercially may contact the Patentees for the grant of a licence for the purpose.

Patent No.	Date of Patent	Name & Address of Patentee	Title of the Invention
1	2	3	4
164967	30-12-1985	Aocan International Ltd., of-1188, Sherbrooke Street, West. Montreal Quebec, Canada-H3-A-3G2.	A method of anodizing an aluminium strip.
154431	12-6-1981	Aluminium Pechiney 23, rue Balzac 75008, Paris, France.	Process and apparatus for accurately controlling the rate of introduction and the content of alumina in an igneous electrolysis tank and use for the production of aluminium.
158680	22-6-1983	Do.	Process for production of an aluminium trihydroxide of large granulometry.
161557	12-10-1983	Do.	A process for the production of aluminium trihydroxide having a medium diameter of less than 4 microns, which can be varied as required.
161602	26-9-1983	Do.	A process for the production of aluminium trihydroxide granules having a diameter within the range of 2 to 100 microns.
168223	21-4-1987	Do.	Process and apparatus for the decomposition of sodium aluminate for the production of alumina.
169735	15-4-1988	Do.	Process for the production of aluminium by electrolysis of alumina and an apparatus therefor.
170090	18-6-1987	American Cyanamid Company, at one Cyanamid, Plaza, Wayne, State of New Jersey -07470, U.S A.	A method for the preparation of alkyl- oxalacetates.
170306	17-11-1989	Do.	Method for the preparation of a purrole carbonitrile or nitropurrole.
170848	11-7-1990	Do.	Process for the preparation of an aryepyrrole compounds.
171430	28-1-1991	Do.	Method for the preparation of o-amino-phenyl cycloprophy ketone.
172665	25-3-1991	Do.	Process for the preparation of N-oxylated arylpyrroles.

1	2	3	4
156885	21-8-1981	Amsted Industries Inc. 205, North Michigan Avenue, 44 th Floor-Boulevard Towers, South Chicago-IL-60601, U.S.A.	Continuous carboniser for the production of domestic coke from coal.
170237	19-5-1989	Anand Swarup Agarwal, C/o. Sujit Kumar Roy. No. 73, Sardar Bakshi Lane, Horah, West Bengal, India	A novel process for the manufacture of Y-isomer of benzene hexachloride, which is also known as lindane from benzene.
163091	9-3-1983	Apace Research Ltd., 130, Doling Street, Ounijog, New South Wales, Australia.	Fmulsions of liquid hydrocarbons with water and/or alcohols and method of producing the same.
164650	9-3-1983	Do.	An emulsifying preparation for use in farming emulsion of liquid hydrocarbons with water or alcoholes.
164990	9-3-1983	Do,	An emulsion of liquid hydrocarbons with water or alcoholes.
162374	13-11-1984	Applied Industrial Materials Corp. of Parkway North, Centre One, Parkway North, Suite-400 Dear, field Illinois-60015, U.S.A.	Process for the production of silicon from raw quartz type in an electrical low shaft.
165731	1-5-1986	Do.	A process for the production of silicon or ferrosilicon in an electric low shaft furnace, and raw material mouldings suitable for the process.
167650	21-1-1988	Areo Chemical Co. 3801, Chester Pike, Newton square State of Pennsylvania. U.S.A.	A method of preparing epoxide extended polyolesters.
163215	17-5-1984	Asarco Incorporated 120 Broadway, New York, State of New York, U.S.A.	Method for the electrolytic refining of copper using thiourea as addition agent.
164522	11-06-1985	Asarco Incorporated of 180, Maiden Lane, New York, U.S.A.	Gas burner.
156855	7-4-1982	A.S. Fuels Pvt. Ltd., at W2-50, Rajnagar Mehrauli Rd., Palan, Colony, New Delhi-1 10045. India.	Continuous carboniser for the production of domestic coke from coal.
157484	12-10-1981	Asland Oil, Inc., P.O. Box-39 , Ashland, Kentucky-41101, U.S.A.	Process for [he production of carbon black.
149600	21-1-1980	Ashok Ranjan Das Gupta, C/o. Eastern Carbons, Sneh-Milan, Telephone Exchange Road, Dhanbad-92600, Bihar.	Process for producing specials quality low ash metallurgical coke.
153750	20-10-1981	Do.	Improvement in a process for the production of special quality low ash metallurgical coke.
172468	04-6-1991	Asta Medica AG of 600, Frankfurt Am, Main, 1, Weismuller stresse 45, Germany.	A process for the preparation of a synergistic medicine comprising flopersing it's salt and anti parking salt agent.
169678	4-8-1998	Aastral-Pacific Fertilizers Ltd., of Paring Rd., Gibson, Istand, Murrarle, Queensland-4170, Australia,	Process for enhanced urea production.
161982	14-11-1983	Australia Oxyfrol Systems, Pvt. Ltd., of 85, Woodstreet, Faglehawk, Victroia, 35, 56, Australia,	Oxygen probes suitable for detecting the oxygen content of an atmosphere.
156855	7-4-1982	Avadh Fyels Pvt. Ltd., at 7-Civil lines, Faizabad, U.P. India.	Continuous carboniser for the production of domestic coke from coal.
170957	30-1-1990.	Aziende Chimiche Riunite Augelini, Franceco, A.C. R.A.F. S.P.A. of Viale Amelia, 70-0018 . Italy.	Process for preparing ethers of 1-benzyl-3-hydroxy hydroxyacids.

1	2	3	4
159989	25-7-1983	Basf Faben Fasern Aktiengesellschaft Am. Neumarket 30, 2000 Hanburg 70, West Germany	Process for preparing an unsaturated homopolymerisable and/or copolymerizable linear polyester.
159907	25-7-1983	Do.	Process for preparing unsaturated homopolymerisable and/or copolymerizable polyesters.
164980	25-7-1983	BASF Lacks + Farben Aktiengesellschaft, of am Neumarket 30, 2000, Hamburg-70, West-Germany.	Process for preparing the nitrogenous unsaturated homopolymerizable and/or copolymerizable linear polyesters.
166654	25-7-1983	Do.	Process for preparing nitrogenous unsaturated homopolymerizable and/or copolymerizable polyesters,
156855	7-4-1982	Basic Fuels Pvt. Ltd., Bulaki Road, Giridih, Bihar, India.	Continous carboniser for the production of domestic coke from coal.
157882	18-3-1982	Bergweksverband GmbH, Franz-Fishcher-weg 61,4200, Essen 13, West Germany.	Method for the production of H <sub>2</sub> and containing gases.
169600	3-6-1988	Bethlehem Steel Corporation, of 701, East Third St. Bethlehem, Pennsylvania-18016, U.S.A.	Method for the production of concrete like solid material by chemical stabilization of heavy metal bearing dust and sludge such E.A.F. dust.
162451	01-1-1985	Biec International Inc., of Park Plaza, Bath Pike, Bethlehem, Pennsylvania, U.S.A.	A process for the coating a ferrous article.
169273	1-1-1985	Do.	An aqueous zinc chloride based flux for treating ferrous articles.
164945	30-10-85	Bio-Metric System, Inc. of 9932, West 74th Street Enen, Prairie, Minnesota-55344, U.S.A.	Apparatus for the chemical analysis of an analyte.
158809	4-1-1983	Borden (UK) Ltd., North Baddesley, Southampton, 505, 9ZB, England.	A method of making foundry mouldsand cores.
168382	1-4-87	Do,	Raw batch carbonaceous composition for use in making shaped self sustaining article.
168678	1-4-87	Do.	A composition useful as a tamping and ramming composition for use in monolithic shape construction.
168679	1-4-87	Do.	A process for making a body that can be phrolyzed to forma carbonized shape.
162093	30-10-84	BP Chemical Ltd., Belgrave House, 76 Bucking-gham-Palac, Road, London SW1S OSU, - England.	A liquid phase process for the cationic polymerization of 1-olefins.
165767	18-12-85	Do.	A composition based on ethylene polymer suitable for the manufacture.
166245	05-3-1986	BP Chemical Ltd., Belgrave House, 76 Buckin-gham Palace Road, London SW1WOSU, England	Composition based on liquid polybutene and hydrocarbon waxes and intended mainly for the Production of water proof and gas-light cobler and process for the preparation thereof.
169547	29-11-1987	Do,	A process for the production of an additive concentrate suitable for incorporation into finished lubrication oil composition.
172581	30-11-1987	Do.	A process for the production of the additive concentrate suitable for incorporation into finished lubrication oil composition.

1	2	3	4
170923	26-10-88	Brita Wasser-Filtor systeme GmbH, West-Germany.	Filter cover for a purification insert in a water treatment device with a hollow tube.
171503	26-5-88	British-American, Tobacco Co. Ltd., of P.O. Box, 482, West Minister House, 7, Millbank, London, SWIP, SJE.	A method of making a tobacco smoke filter element.
162228	24-8-1984	British Gas Com. of River Mill house 152, Grosvenor, Rd., London SWIV, 3JV, England.	A process for the production of methane-containing gas.
164028	20-3-1985	British Steel Plc; 33 Grosvenor Place, London, S.W.I. England.	A method of refining metal.
167089	26-2-86	Do.	A method of iron making by means of a smelting shaft furnace.
159460	19-4-83	Centre Stephanois De Recherches Mecaniques Hydro-Mecanique Et. Frottement, Rue Benoit Fourneyron, Androzieux Boutheon, Loire. France.	A process for treating ferrous metal parts containing free or combined sulphur in their surface layers.
160803	4-1-1983	Do.	Method of depositing a layer of extremely hard chromium a substrates.
163415	18-3-1985	Do.	Process for manufacture of ferrous metal parts having improved concession resistance.
160950	27-3-1984	Chemie Linz AG, now, Chemte Holding Aktiengesellschaft, St. Peter-Stra Be 25, A-4021, Linz, Austria.	A process for the preparation of an isocyanic acid/ammonia gas mixture having a low cyanuric acid content, and an apparatus for carrying out the process.
162879	10-12-1984	Do.	Process for the preparation of glyoxals and alkylglyazals.
172309	31-5-1988	Chief Controller, Research & Development, Ministry of Defence, Govt. of India, New Delhi.	A process for preparation of a portable kit from testing anticholinesterosel poisons in water.
171804	31-1-89	China petrochemical Corpn. 24, Xiaoguan Street, Anwai, Beijing, peop, Rep. of China & Research institute of Beijing yanshan petrochemical Corp. 9 Ronghuangting Road, Yanshan, District: Beiging, P.R. China.	A process for preparing a silver containing catalyst for the production of ethylene oxide,
159600	21-3-1984	Chuo Kagaku Co. Ltd., 5-1,3-chome, Miyaji Kounosushi, Saitama-ken, Japan.	A process for producing during a resin foam by aqueous medium.
155696	31-8-81	CIBA-GEIGY AG. Klybeckstrasse, 141, 4002, Basle, Switzerland.	Process for bleaching textiles or removing stains from textiles.
156855	7-4-82	Coal Tarcol Utpadak Audyogic Sahyog, Samiti Ltd., at Nauzar, Katra, Patna-8, Bihar, India	Continuous carboniser for the production of domestic coke from coal.
165902	9-7-1986	Colortech Inc., 8011 Dixie Road, Brampton Ontario, Canada L6T-3V1.	Method and apparatus for forming extruded Products.
168554	28-10-86	Commonwealth Scientific and Industrial Research Organisation, Australia.	Composite electrode materials for use in solid electrolyte device and solid electrode device indicating sand electrode-
170805	24-10-88	Contec-Chemieanlagen, GmbH of Ahornstrasse, 11, D-8261-Aschau (Inn.), Fed Rep. of Germany.	A gas generating propellant Composition.
166236	25-10-85	Continental Gummiwerke AG., of Konigs-worther Platzl, 3000, Hannover, F.R. of Germany	A method of producing conveyor belts from rubber or like plastics material.

1	2	3	4
170034	14-10-88	Compagnie De Raffinage, ET.fDE, Dist. ribution, Total F.R. of 84, Eue De Villers-92300, Levallois perret, France.	Apparatus for injection Of a charge of hydrocarbon in a reactor for catalytic cracking.
160786	19-3-1981	CPC International Incorporated, international Plaza, Eng ewood Cliffs, New Jersey 07632, U.S.A.	A process for the preparation of an adhesive composition.
154702	16-12-80	Counci of Scientific and Industrial Research, of Rafi Marg' New Delhi-110001, India.	Improved single step process for the convention of luene to xylenes.
154752	4-1-82	Do.	An improved process for the extraction of metal values of copper lead and zinc from sulphur ores or ores concentrates.
156026	30-6-1982	Council of Scientific & Industrial Research, of Ran Mare, New Delhi-110001, India-	An improved process for the electrolytic deposition of copper tin alloys from cyanide baths on metal substrates.
157059	30-12-1982	Do.	Improvements in or relating to lithium manganese dioxide nonaqueous button cells.
157060	30-12-1982	Do.	An improved high build anticorrosive paint composition for use in marine environments.
157110	74-1983	Do.	A process for the preparation of precipitated calcium carbonate from carbide lime sludge.
157396	21-3-1983	Do.	An improved process for immersion stripping of nickel electrodeposits from steel and stainless steel substrates.
157439	17-2-1983	Do.	An improved process for the electrodeposition of lead dioxide on titanium substrates.
157696	26-2-1982	Do.	An improved liquid fuel, fired burner.
157865	25-6-1983	Do.	Process for the preparation of plasticizer material for use in plastic Industry.
158085	25-6-1982	Do.	An improved process for the preparation of stable manganous oxide ( $MnO$ ).
158254	7-1-1982	Do.	Process for preparation of a catalyst composite material.
158255	19-1-1982	Do.	An improved process for the catalytic alkylation of benzine to ethylbenzene.
158331	19-5-1982	Do.	A process for the recovery of lead and zinc values from more cake.
158655	26-11-1983	Do.	Improvements in or relating to the preparation of lithium tetra chloroaluminate.
158837	25-3-1982	Do.	An improved liquid fuel burner used in oil pred furnaces.
158975	24-7-1982	Do.	Process for the preparation of Diosgenin anti-sera for use in the determination of diosgenin in a plant material.
158990	29-11-1983	Do.	Improvements in or relating to a process for the extraction of copper lead & zinc metal valves from complex sulphide ores concentrates.
159041	17-3-1983	Do.	Process for the preparation of improved cationi fat liquor from vegetable oil.

1	2	3	4
159186	18-5-1984	Council of Scientific of & Industrial Research, of Rafi Marg, New India-110001 Delhi	An improved process for the preparation of a metal sulphate.
159164	2-6-1983	Do.	Process for the catalytic conversion of methanol to hydrocarbon mainly olefins.
159406	2-2-1983	Do.	A catalytic process for the conversion of methanol to olefins rich hydrocarbons.
159407	22-2-1983	Do.	A process for the preparation of composable catalyst material.
159595	9-9-1983	Do	A process for the manufacture of benzene and hydrides admixtures from alkyl aromatic hydrocarbons.
159881	10-6-1983	Do.	An improved burner for use with fluid fuels.
159964	30-9-1984	Do.	Process for the manufacture of pyrochar (activated carbon) from waste materials.
160038	27-10-1983	Do.	A process for the conversion of alkanols to hydrocarbons.
160197	23-10-1982	Do.	A catalytic process for the isomerisation of alkyl aromatic compounds.
160212	27-10-1983	Do.	Process for the preparation of crystalline catalyst composite materials.
160274	27-5-1985	Do.	Improvement in or relating to the preparation of water borne self curing zinc silicate coatings.
160279	25-1-1985	Do.	A process for the preparation of a catalyst useful for the selective conversion of ethylene into aromatic hydrocarbons containing 6 to 8 carbon atoms.
160355	26-9-1984	Do.	An improved process for the preparation of aluminium or aluminium alloys.
160403	2-5-1984	Do.	An improved process for the treatment of coir/ coir products to make them fire/Flame retardant and coir/coir products so treated.
160478	18-3-1985	Do.	An improved process for the extraction of copper, nickel, cobalt manganese metal values and from deep sea manganese nodules.
160779	18-3-1985	Do.	An improved process for the extraction of copper, nickel and cobalt metal values from deep sea manganese nodules.
160520	10-12-1984	Do.	A process for the extraction of cobalt, nickel and copper from copper converter slags with ammonium sulphate roasting at low temperatures.
160535	10-12-1984	Do.	A process for the extraction of copper nickel & cobalt metal values from manganese sea nodules,
160536	10-12-1984	Do.	A process for the extraction of copper, nickel and cobalt metal values from sea bed manganese nodules.

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160753	23-3-1985	Council of Scientific & Industrial Research, New Delhi, India.	A process for the extraction of Garcinol hydroxyeitic acid and anthocyanins which are useful in food industry as colouring addi- tives from kokum plant ( <i>Garcinia Indica</i> ).
160754	16-5-1986	Do.	An inhibitor composition for protection of metal alloys from sea water.
160756	25-1-1983	Do.	Process for the preparation of new catalyst composite material useful for the conversion of alkanoils to hydrocarbons.
160979	14-10-1985	Do.	A process for the preparation of thickner material from the plant <i>litsea polyantha</i> for use in the textile printing industry.
161271	16-4-1985	Do.	A process for the preparation of rigid polyvi- nylchloride and polyacrylates alloys.
161411	18-7-1985	Do.	An improved process for the preparation of manganese sulphate.
161457	13-8-1984	Do.	A process for the preparation of a composition useful for coating rusted surfaces.
161570	26-12-1984	Do.	An improved process for the recovery of metallic copper from copper converter slag or any other oxidised copper bearing material.
161612	4-7-1984	Do.	An improved process for the preparation of sym-N, N-disubstituted diaryl urea com- pounds.
161644	9-7-1984	Do.	An improved process for the recovery of lead from a complex sulphide ores concentrate.
161649	23-3-1985	Do.	A process for the recovery of silver from waste hypo solutions available from photographic industries.
162097	5-3-1985	Dh.	An improved process for the extraction of copper from chalcopyrite concentrate through bacterial leaching technique.
162243	9-12-1985	Do.	Gas sparger for exothermic gas solid reactions.
162297	10-12-1984	Do.	A process for the preparation of a non- corrosive flux for soft soldering of copper and copper based alloys.
162504	4-10-1985	Do.	An improved process for the preparation of purified colloidal graphite having 0.1 to 2 micron particle size.
162522	5-12-1985	Do.	An improved process for the preparation of tetrabromobisphenol-A.
162876	16-6-1984	Do.	An improved process for the selective separation of linear terminal olefinic hydro carbons and n-paraffins from petroleum fractions.
162912	6-5-1986		A process for the simultaneous preparation of sodium vanadate and zeolite by the ther- mal treatment of vanadium sludge.
163054	22-7-1985	Do.	Improvement in or relating to the prepara- tion of epoxy polyamide titanium dioxide point for irradiation resistant coatings.
163187	30-3-1985	Do.	Process for the conversion of methanol to olefins.

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163588	23-3-1985	Council of Scientific & Industrial Research, New Delhi, India	An improved process for production of fluid pumpable non-setting concentrated water based slurry fuel
163677	15-5-1985	Do.	A process for the removal of tarnished film from the surface of articles of silver copper and their respective alloys.
163810	31-7-1985	Do.	A process for the separation of stigmasterol derived products of 22S, 23S and 22R 22R-isomera of 22, 23-Dihydroxy- 24 S-ethyl-3 -5- cyclo-5 ZX-cholestane-6-Ones from phytosterols of sugarcane wax.
163832	1-7-1985	Do.	Process for the preparation of predominantly cationic basic titanium tanning extract for use as a tanning material.
164270	30-12-1985	Do.	Improvements in or relating to a process for the preparation of corrosion/scale inhibitors suitable for prevention of metallic corrosion and scale formation in system using different grades of water.
164274	31-10-1985	Do.	An improved process for the extraction of nickel from lateritic nickel ores.
164411	21-2-86	Do.	A process for the production of stabilized coal-water slurry useful as substitute for petroleum based fuel oil.
164415	31-7-85	Do.	A process for preparing transparent sheets document copying purposes and transparent sheets so prepared.
164416	2-8-1985	Do.	A process for the preparation of novel lanthanum iron silicates designated as encelite-2.
164457	6-3-1986	Do..	An improved process for the preparation of stable anionic fat liquors based on glyceride oils having iodine values less than 100.
164459	30-6-1986	Do.	A process for the production of kerosene from light olefins.
164487	25-3-1986	Do.	An improved process for refining of aluminum & its alloys.
164581	23-7-1986	Do.	A process for the preparation of a new aluminium based alloy anode for cathodic protection of structures submerged both in saline & fresh waters.
164652	29-10-1986	Do.	A process for the preparation of zinc rich primer based on alkyl silicate for corrosion protection of steel.
164706	14-10-1985	Do.	An improved alkaline primary battery cell.
164775	31-12-85	Do.	A process for preparing polymer bonded clay useful for surface treatment water proofing and moth proofing of articles.
164964	30-8-1985	Do.	An improved process for the extraction of vandium pentoxide from vanadium bearing titaniferous magnetites or any other vanadium bearing material.

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164973	1-1-1987	Eovncl of Scientific & Industrial Research, New Delhi India	A process for the production of pure silica and oxalic acid from paddy husk.
165530	31-12-1985	Do.	An improved process for the production of high resistivity amorphous hydrogenated silicon films.
165726	12-2-1987	Do.	A process for the production of ammonia by photo catalytic reduction of molecular nitrogen.
16576.1	31-7-1985	Do.	Improvement in the preparation of pharmaceutical formulations in the form of suspensions.
165920	11-12-1986	Do.	A process for the preparation of low molecular weight oxylanese from china strain.
165977	11-8-1987	Do.	Improved electrolytic cell for the production of calcium gluconate.
166149	25-3-1986	Do.	Process for the preparation of crystalline a alumino-phosphate catalysts.
166181	5-5-1987	Do.	An improved process for preparation of 2. bromo-1-phenylethanol.
166284	31-3-1986	Do.	A process for the preparation of collagen derivatives from rejected and poor quality hides and skin useful for incorporation in cosmetic formulations.
166411	20-9-1985	Do.	Improvements in or relating to a process for the preparation of ceramic magnets.
166439	27-11-1987	Do.	A process for the manufacture of red mud filled PVC composite material.
166478	10-7-1986	Do.	An improved process for the production of moulded slate with inbuilt frame.
166491	24-11-1987	Do.	Process for the preparation of new ceramic membrane for water filtration.
166666	13-8-1986	Do.	A process for the preparation of anhydrous iron IIIC sulphate.
166734	25-3-1986	Do,	Improved process for the production of trichlorosilane (TCS) from silicon tetrachloride.
166826	17-6-1986	Do.	A process for the preparation of water dispersable moltenised fatty derivatives for incorporation in tanned leathers for imparting water repellency.
167037	13-8-1986	Do.	A process for the preparation of pure high bulk density iron (III) oxide.
167119	23-10-1986	Do.	Process for the preparation of crystalline phosphoalymino silicate catalysts.
167205	12-6-1986	Do.	A process for desulphurization of high sulphur coal.
167305	21-4-1986	Do.	An improved process for the production of alumina from low grade and submarginal banxite.

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167309	12-6-1986	Council of Scientific & Industrial Research. New Delhi, India.	A process for desulphurization of high sulphur coal.
167482	25-4-1986	Do.	A process for the recovery of nickel and cobalt from copper converter slag or their oxidic ores.
167484	1-7-1986	Do.	An improved process for cold palletization of chrome ore fine and concentrates.
167620	22-2-1988	Do.	A process for the preparation of soft-Acrylic emulsion for use as binder for leather finishes.
167714	24-3-1987	Do.	An improved process for the production of high alumina cement clinkers and the like containing alumina ranging from 45 to 80 per cent.
167738	18-9-1987	Do.	A process for the preparation of an enzyme B-galactosidase useful for reducing the content of lactose in lactose containing products like milk, whey and other dairy products.
167839	7-10-1986	Do.	An improved process for the production of highly dense sinters of dolimitized magnesite clacite and mixtures thereof.
167936	5-12-1986	Do.	Lubricating oil composition for two stroke petrol engine.
167996	29-10-1986	Do.	A process for direct electrowining of lead metal from gatena concentrates.
168135	26-9-1986	Do.	An improved process for the production of alkali soluble humic acid and ammonium salt thereof from low rank coal weathered cooler bignite through solid gas reactor.
168140	24-12-1986	Do.	A process for the extraction of metal values from deep sea polymetallic nodules by direct reduction ammonia leaching.
168294	2-9-1986	Do	Process for the manufacture of aluminium factory of aluminium alloy silica sand composite for brake linear and engineering applications.
168341	20-1-1987	Do.	A process for the preparation of chrome lignit for maintaining rheological properties of water based oil well drilling fluids in high temperature and high pressure oil well drilling.
168346	7-9-1987	Do.	Improved process for the manufacture of erythrosine/eosin from fluorescein.
168377	3-6-1986	Do.	An improved process for the manufacture of sintered synthetic high alumina aggregate.
168399	10-2-1989	Do.	A process for the preparation of a high siliceoleite of pentasil family from paddy husk ash.
168413	1-6-1988	Do.	Improved method for the preparation of alkyl resin based water thinable air drying paint.

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168451	2-6-1987	Council of Scientific & Industrial Research, New Delhi.	A process for the preparation of polyphenylene oxide as an adherent film on metallic substances.
168702	14-9-1987	Do.	An improved process for the production of alpha and gamma picoline through catalytic vapour phase cyclodehydrogenation reaction of acetaldehyde and ammonia.
168728	10-2-1989	Do.	An improved process for the production of coleonal from the roots of the plant cloeus forskohlit brig (syn. charbatas).
168794	24-12-1986	Do.	An improved process for the phosphosulphidated jojoba oil useful as multifunctional additives.
169129	6-3-1986	Do.	A process for the preparation of catalysed oxygen scavengers suitable for removal of dissolved oxygen in water.
169140	11-8-1987	Do.	A process for the production of compacted graphites iron.
169172	28-4-1988	Do.	A process for the manufacture of bronze coloured sheet glass.
169189	14-3-1989	Do.	A process for the preparation of high flux membrane from the blend of formulation of cellulose acetate and cellulose tricacetate useful for the desalination of brackish water by reverse osmosis process.
169191	18-3-1987	Do.	A process for the preparation of clay loaded metal condexes catalyst useful for the hydrogenation of oils and other unsaturated compounds.
169371	6-3-1986	Do.	A process for the preparation of catalysed oxygen scavengers suitable for prevention of metallic corrosion in systems using different grades of waters.
169373	23-10-1986	Do.	A process for the production of chromite coke composite briquettes.
169373	5-12-1986	Do.	An improved process for briquetting chrome ore fines and concentrates.
169502	31-12-1986	Do.	A process for the photocatalytic decomposition of water into hydrogen and oxygen.
169856	24-12-1986	Do.	A method for the manufacture of an extreme pressure and industrial greaer oil.
169857	24-12-1986	Do.	An improved process for the sulphurisation of ojoba oil for use as an extreme pressure additive.
170008	16-12-1986	Do.	An improved process for the manufacture of hydroxy citronellal from citronellal.
170346	3-10-1988	Do.	An improved water treatment plant.
170384	13-4-1987	Do.	A process for the desilication of black/green liquor for recovery of paper grade lime in paper mills.

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170388	24-3-1987	Council of Scientific & Industrial Research, New Delhi, India.	A process for the manufacture heat insulating refractory produce by foaming technique.
170438	14-3-1989	Do.	An improved process for the synethesis of urea.
170445	28-4-1988	Do.	A process for the production of copper real glass.
170449	13-10-1987	Do.	A process for the preparation of polymer aqueous resim emulsion for use as pressure sensitive odhesive on paper metal foils lopes and surgical plasts.
170465	22-8-1988	Do.	A bipolar cell for the production of chlorates and Hypochlorites.
170589	31-1-1990	Do.	An improved process for the synethesis of OL(3,6-DI-O, methyl, B-D-glaco-pynanogyl )- CI- 4—)O(2, 3-DI-O methyl L, rhamnopy- ranosyl-(1>9).
170658	15-2-1989	Do.	Synthesis of 8-(methoxy, carbonyl) octyl, 4-O-benzyl-L-rham-nopura naside, a novel intermediate for synthesis of a laproxy antigen.
170660	26-9-1986	Do.	An improved method to manufacture manga- nese monoxide from manganese ores.
J70767	17-2-1989	Do.	An electrochemical monitor for the quanti- tative estimation of mercury & other metal cation such as cutt, Agt Phtt in solution.
170770	13-12-1989	Do.	A process for the synthesis of 6-(Arylviny)-l, 2, 4-trioxanes.
170829	7-9-1987	Do.	An improved process for the preparing of a high silica zeolite catalyst composite material.
170810	13-10-1987	Do.	An improved process for the preparation of active alkali silicate from rice husk ash.
170833	26-9-1986	Do.	An improved method to manufacture manga- nese monoxide.
170836	15-10-1987	Do.	A Process for the preparation of oxalic acid from wood dust.
170837	17-11-1987	Do.	An improved process for the conversion of natural gas into middle distillates.
170903	22-12-1987	Do.	A process for the production of kerosene and diesel from FCC naphtha.
170904	28-6-1988	Do.	Process for the preparation of Lethylethzot dihydroxartemisinin.
J7093.1	26-12-1989	Do.	A process for the preparation of 3-aryl-l- hydroxy-but-3, Cn-2-hydroper oxides.
170907	28-3-1989	Do.	An improved process for the preparation of alkyl carbamates.
J70918	28-3-1989	no.	An improved process for the preparation of aiyl-N-alkylgarbutamates

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170962	15-6-1987	Council of Scientific & Industrial Research, New Delhi.	A process for the continuous solvent extraction and electro winning of copper and zinc from ammonical leach liquor obtained from pressure leaching of multi metal sulphide ores/concentrates.
171018	17-5-1988	Do.	A process for the preparation of a solic formulation for "field testing of iodine in the range of 1-15 ppm present in 50.g. iodoted salt.
171228	11-9-1987	Do.	A process for making test papers for testing of iodisedsalt.
171230	15-12-1988	Do.	A process for preparation of stabilized high as coal oil slurries.
171280	23-11-1989	Do.	An improved process for the preparation of 2-pyridyl-2, 8, BIS-1 (trifluoromethyl)-4-Quinoyketone.
171362	13-4-1987	Do.	Process for the preparation of a catalyst composite material.
171363	15-4-1987	Do.	Process for the preparation of a catalyst composite material.
171407	24-9-1987	Do.	An improved process for the preparation of carboxylic acids.
171636	24-10-1988	Do,	An improved process for the preparation of a thermo-setting acrylic paint.
I7163S	8-10-1987	Do.	A process for production of film based carbon paper.
171646	24-2-1989	Do.	A process for the preparation of polymeric membrane useful for the separation and concentration of organic complex molecules.
171648	14-3-1989	Do.	An improved process for the preparation of solvent resistant high tenting strength copper phthalocyanin blue pigment.
171649	7-2-1989	Do.	An improved process for the preparation of insulating bricks from tale.
171782	13-7-1988	Do.	Process for the preparation of ablative tire retardant polymer composite from cashew-nut shell liquid.
171984	30-7-1987	Do.	An improved process for the preparation of elastomers having random distribution of functional groups from Dlefenic polymers.
172030	31-12-1987	Do.	A process for the production of special pitch having low contents of quinoline insoluble (SI) in the range of 0.1 to 0 Percent and benzene insoluble in the range of 15—19 percent useful for making carbon, carbon composites graphite electrodes carbon fibres and the like.
172048	22-12-1987	Do.	A process for the preparation of fertilizers useful to increase phopshate availability in soil.
172135	24-2-1989	Do.	An improved process for the preparation of 4-phenyl 5-dischrrora-cctamido-1, B-dioxane.

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172138	21-10-1987	Council of Scientific & Industrial Research, New Delhi	A process for the preparation of 1-1, 5-dimethyl-5-(substituted hexyl) 4-methylbenzenes from ringbenzene.
172214	21-10-1987	Do.	A process for the preparation of 1-1, 5-dimethyl (substituted hexyl)-4-methyl benzenes from zingberene.
172287	30-3-1988	Do.	Improved process for the carbonylation of alcohols to carboxylic acids.
172326	16-3-1989	Da.	Improved process for the preparation of brunswick greens.
172329	17-2-1989	Do.	Electrochemical cell for the electrolytic preparation of magnesium chlorate and a process using for the said cell .
172333	10-3-1988	Do.	Process for the preparation of a novel crystalline aluminosilicate.
172361	21-3-1988	Do.	An Improved reforming process.
172416	3-10-1988	Do.	A process for the preparation of oriented powder of super conductive, $Ba_2 Cu_3 O_7$ -compound.
172541	13-6-1989	Do.	An improved coating composition useful for the protection of concrete structures.
172587	16-3-1988	Do.	A process for making port land cement from rice husk.
172653	27-4-1988	Do.	Process form the preparation of high silicy pargepart mordenites.
172690	28-12-1989	Do.	A prcoess for preparation of a pharmaceutical, composition to the treatment of hypertension orgina lectomis isochaemic heart diseases and hyperthyroidism having increardactivity.
172784	9-6-88	Do	A process for the preparation of a novel crystalline alumiosilicate designated as enacilite-12.
172785	16-6-88	Do.	An improved Naphtha reforming process.
172941	8-7-86	Do-	A process for the production of silicon carbide fibres (B) from rice husk.
172945	13-6-89	Do,	A process for the preparation of (5)-1. Terl. butyl-dimethyl silyl-4-(2- hydroxiso ploply Azetidin-1-one.
172950	28-4-88	Do.	A process for the preparation of compounds useful for the treatment of diseases affecting macrophases
172965	23-3-89	Do.	A process for the preparation of para-substituted benzyl cis z.. z-dimethyl-3-(2, 2 di-chlorovinyl) chloropropane ) car boxy later highly patent insectibelonging to the synthetic pyrethro- dis group.
172966	26-12-89	Do.	A process for the preparation of cereal based low alcoholic beverage.
172968	6-7-89	Do.	An improved process for the preparation of mono & dihalo substituted derivatives of or the aminobenzaldehyde from the Corresponding hychazidesls.

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172969	28-7-89	Council of Scientific & Research, New Delhi	An improved process for the microbial production of fungal metabolites.
172970	15-9-89	Do.	A process for the preparation of 2-amino-L-phenyl-L propenol (phenylpropanol amine B.P.)
172971	13-2-97	Do,	A process for sintering of chromite ore fines and concentrates.
172985	20-1-89	Do,	A process for the preparation of an improved Jojoba oil body cream containing trans-estcrifield Jojoba oil & Jojoba oil.
172006	20-4-88	Do.	A process for the preparation of compounds useful for the treatment of diseases effecting macrophages.
169054	26-7-1988	Cyril. Harold Evans, of 23-Burdock Lane. Don Mills, ontario. M3C-2G. Canada.	Contact lens of soft-pliable ophthalmic plastic material.
169560	27-7-88	Dalichi Kogyo seiyaku. CO. Ltd.. of 55. Higashi-Kubocho. Nishi. Hichijo, Shimogyoku, Kyojo. Japan	Process for continuously preparing acrylic polymergel
155304	20-1-81	Davy Mokee (Stockton) Ltd.. Stockton-on-Tees. England TS18.3RE. U.K.	Method and apparatus for the direct reduction of material containing iron oxides.
155319	20-1-81	Do.	A process and a system for reducing materials containing iron oxides.
155324	29-1-1981	Do.	Process and apparatus for directly reducing ore containing iron oxides.
156850	6-8-81	Do.	A process for the direct reduction of materials containing iron oxides.
156910	29-8-1981	Do.	Apparatus for directly reducing materials containing iron oxides.
162552	26-10-83	Degusa AG. of 6000. Frankfurt. 1. weisefrau-nestsce. 9. Federal Republic of Germany.	A continuous co-current process for carrying out catalytic hydrogenation with hydrogen or a hydrogen containing gas for the production of hydrogen peroxide by the so-called anthraquinous process.
162676	31-12-1983	Do.	A process for the production of regenerants for carburizing saltbaths.
162212	21-4-84	Do.	Process for the production of natural oxidic or silicate fillers modified at the surface.
168086	13-3-37	Do.	A process for a dry cationization of galactomannan.
168976	25-8-87	Do.	A process for the production of sulphur containing triazine compounds.
169015	25-8-87	Do.	A process for the extraction of industrial hydrogen peroxide from working solution obtained in a conventional oxygen quinone process for exclusive use in industrial purpose.
169577	16-5-1988	Degussa Aktiengesellschaft, of 6000. Frankfurt. am Main weissfrauenstrasse 9, F.R. of Germany.	Aqueous pumpable stable suspension of water insoluble silicate capable of binding calciumions-
169654	7-7-1988	Do.	Process for dry cationization of galactomannans.
164686	16-7-1985	Do.	A process for the production of tillers.
169754	11-3-1987	Do.	A process for vulcanization of rubber mixtures.

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163456	25-5-1985	Deutsche Voest-Alpine, Industrienlagenbau, GmbH, Noussestrasse-111. D-4000 Dusseldorf. 1. F.R. of Germany.	Combined melting gasfire and a direct reduction shaft furnace structure.
156855	7-4-1982	Domco Smokeless Fuels. Pvt. Ltd. at Prakash Kunj, Room No. 2. Buti Rd, Bariatu, Ranchs-834009. Bihar-India.	Continuous carboniser for the production of domestic coke cok from coal.
169473	3-11-1987	Dunlop India Ltd. 57B, Mirza, Ghalib, Street, Calcutta-700016. India.	An improved method of smoking and drying of wet rubber sheets.
165568	7-4-1986	Du Pont Canada Inc, Canada.	Polymerization process for the preparation of composition comprising high molecular weight polymers.
168563	7-4-1986	Do.	A composition containing a high molecular weight polymers.
169003	31-3-1987	Dupont Canada Inc., of Box-2200, Streets, Ville, Mississauga, ontario L-5M 2H3. Canada.	An improved process for the preparation of high molecular weight polymers of alpha-olefins.
171376	22-8-1988	Eaton Corp. USA.	Extended range spitter type compound transmission.
165704	25-11-1985	Edward Koppelman of 4424. Bergamo Drive, Encino,U.S.A.	Multiple hearth reaction for thermal treatment of carbonaceous materials.
168566	25-11-1985	Do.	A process for obtaining moisture free organic carbonaceous material from, oist material.
161384	13-7-1983	Energy Conversion. Devices of 1675, Maple Road, Troy Michigan 48084, U.S.A.	Fuel cell and an anode within.
165949	24-2-1984	Engethard Corporation Menla park, CN 28, Edison, New Jersey 08818, U.S.A.	A method for making a fluid catalytic cracking catalyst for cracking petroleum feedstocks.
161503	10-10-1984	Exxon Research & Engineering company at 200 Park-Evenue, Florham Park, New Jersey. U.S.A.	A method of purifying N-Methyl-2-pyrrolidinc solvent.
.167753	25-7-1986	Do.	Absorbent composition,
167758	17-12-1986	Do.	A method for extracting aromatic hydrocarbons from hydrocarbon oils.
172110	25-7-1986	Do.	A process for producing a fluid mixture free of H2S by the selective absorption of H2S from a fluid mixtures.
158808	31-12-1982	Ferrohme Ltd. Of Hasse 11. chambers. 2. Hassell, Street, New castle, under lymestaf-fordshire-ST-5, 1 QB. U.K.	Process of refining ferrochromium metal.
159762	31-12-1982	Do,	Process for the reduction and molting of ferrochromium.
171530	13-11-1990	Fidia S.P. A. (An Italian Co.) Via Punta della Fabbrica 3/A. 3503. Abano Terme, Italy.	Process the preparation of a mixture of gangliosides.
168800	15-6-1988	FMC Corporation 200 East Randolph Drive, Chicago illinois-60601, USA.	A process for converting a starting mixtures of crystallizable pyrethroid isomers to desire more pesticidally active isomers.
159721	29-9-1983	Fonderies Montupet 4, Route de chatou, 92000, Nanterre, France.	Process for the production of composite alloys based on Aluminium and Boton.
168343	16-4-1987	Frank Wesley Monffet. JR. of 944, Allen Creek Road, Rochester, New York-14618, U.S.A.	A plant growth composition and a method of manufacturing said composition.

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165323	11-3-1986	Fried. Krupp. Gesellschaft, Mit Beschränkter Haftung, of Altendorfer strasse, 103, D-4300, Essen 1, F.R. Germany.	Wear registrant coated metal carbide body and process for producing the same.
172524	21-4-1989	Do.	Process for producing a sintered hard metal body and sintered hard metal body produced thereby.
165150	7-2-1986	Fuel Concepts Inc. of 500, Giswald. Detroit, Michigan-248226. U.S.A.	A fueling module, for supplying natural gas to a natural gas fueled torch apparatus.
169738	25-4-1988	Fuel Concepts Inc., of 500, Griswold, Detroit, Michigan-48226. U.S.A.	An apparatus for sorptively storing a multi-constituent gas.
161338	18-8-1984	GEA Luftkuhlegesell schaft, Happel GmbH. & Co. Ltd, of 4630, Bochum, F.R. of Germany	Energy displacement apparatus for a desulphurization plant.
170720	15-11-1988	'Do-	Heat exchanger tube.
157594	27-5-1982	General Electric Co.. of 1, River Road. Schenectady, 5- New York. U.S.A.	Improved process for making diamond and cubic boron nitride compacts.
159536	23-3-1983	'Do.	Improved process for making a sintered high strength polycrystalline abrasive compact.
164571	18-11-1985	Do,	Improved industrial gas turbine components.
170791	28-10-1988	Do.	An improved method for producing diamond by a chemical vapour deposition process.
166773	16-6-1986	General Singnal Corporation, of High Ridge Park, P.O. Box 10010. Stamford, Connecticut 06904, U.S.A.	Apparatus for mixing liquid or liquid suspension medium contained in a vessel.
164764	20-11-85	Georg Fischer. Aktiengesell schaft, CH-8201, Schaffhausen, Switzerland.	A method of producing refined metal from metal containing elemental impurities.
166425	4-11-86	Giulini Chemie GmbH, Giulinistr. 2,6700, Ludwigshafen, West Germany.	A process for producing a three dimensional stiffening element.
158669	22-11-1982	Glaverbel, chaussee de la Hulpe 166, B-1170, Bruxelles. Belgium.	A process for forming a refractory mass.
168703	25-8-1986	Do.	A process and apparatus for depositing or Terming refractory masses on the surface of a substrate.
170071	28-11-1985	Do.	Process of forming a refractory mass on a surface.
170200	28-11-1985	Do.	A refractory composition for use in spraying against a surface to form a refractory mass.
156855	7-4-1982	Govind Mukund Coal Co., at & P.O. Jaroui. Dist. Jamui, Bihar, India.	Continuous carboniser for the production of domestic coke from coal.

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164064	23-12-1985	Gujarat State Fertilizers Co. Ltd., P.O. Fertilizer nagar, Dist. Vadodara. Gujarat,	A process for the manufacture of copolymers of styrene and acrylonitrile.
166304	14-4-1987	Do.	Improvements in or relating to a method of preparing methyl esters of dicarboxylic acids.
164871	23-12-1985	Do.	Process for the recovery of sodium sulphate & mono carboxylic acids and di-carboxylic acids from coprolactam waste liquor.
164872	31-12-1985	Do-	Process for the recovery of sodium sulphate and mono carboxylic acids from caprolactam waste streams.
164930	23-12-1985	Do.	A process for the manufacture of methyl-ethyl ketoxime from methyl ethyl ketone.
156969	14-5-1982	H.F. & Ph. E. Rcemt. Sma GmbH & Co., Parkstrasse 51, 2000, Hamburg, 52, West Germany.	An improved process for improving the filling capacity of tobaccos.
172888	7-5-1981	Hindustan Lever Ltd., of Hindustan Lever House, 165/166, Backbay Reclamation, Bombay-400020, Maharashtra, India.	Water-in-silicon oil emulsion suitable for topical application to mammalian skin or hair and process for preparing same.
156063	8-12-1982	Hoechst AG. D-6230, Frankfurt/Main 80, Federal Republic of Germany.	Process for making 1, 2-dichloroethane.
157123	14-6-1982	Do.	A process for the preparation of a polymerization catalyst.
159104	10-11-1983	Do..	Process for making 1, 2-dichloroethane,
156492	21-3-1983	Hoogovens Group B.V. P.O. Box 10.000, 1970 CA, Kjmuiden, The Netherlands.	Process for producing steel in a converter from pig iron and ferrous "scrap".
156777	11-6-1981	Imperial Chemical Industriaes Ltd., 34, Chowringhee, Calcutta-700071, West Bengal, India.	A process for producing a gas containing hydrogen.
157795	1-10-1983	DO.	Improved water-in-oil emulsion explosive composition sensitive to a Nor. detonator even when prepared under low shear low speed mixing condition and method for production of such compositions.
157911	9-3-1982	Do.	Process for reacting carbon monoxide with steam.
158868	1-10-81	Imperial Chemical Industries Plc, 34, Chowringhee, Calcutta-700071, West Bengal, India.	A process for the production of ammonia.
159188	5-4-1983	Do.	Process for the production of ammonia.
161290	20-3-84	Do.	A tow stage process and apparatus for producing hydrogen enriched gas.
161489	8-4-1985	Do.	Process and apparatus for producing ammonia
162404	26-7-1985	Do.	Novel slurred explosive compositions & method for their manufacture.
163106	22-2-85	Do.	A process for producing ammonia synthesisgas.
166162	12-6-1986	Do.	Coating composition.
166251	24-2-86	Do.	A process for producing a purified ammonia synthesis gas.

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166441	31-8-1987	Do.	A process for the preparation of an ultra sensitive base charge for a detonator for an explosive composition.
166862	7-8-86	Do.	A process for the production of ammonia synthesis gas
167226	27-7-1988	Do.	Improved water-in-oil emulsion explosive and process for the preparation thereof.
167736	19-8-1986	Do	Process for the production of a hydrogen containing gas stream.
167782	18-12-86	Do.	Method for the production of an improved slurred emulsion explosive composition
169834	13-1-1987	Do.	A method for a manufacture of a coated substrate surface.
167933	19-5-86	Do.	Process for producing a copolymer comprising PHB & PHV monomers.
169889	22-2-85	Do.	A process for the production of ammonia synthesis gas.
170072	24-2-86	Do.	Apparatus for conducting endothermic catalytic reactions such as steam reforming hydrocarbons having a boiling point under 220, degree centigrade to produce carbon oxides and hydrogen and the like.
170167	24-2-86	Do.	Apparatus for conducting an endothermic catalytic reforming reaction.
170870	19-12-1989	Do.	A process for the of 4-Hydroxyphenyl acetic acid from sodium-4-Hydro xymandalate mono hydrate.
172081	7-5-83	Do.	A gasket of an electrically insulating material suitable for use in an electrolytic cell
172192	19-8-86	Do.	A process for the production of methanol.
172330	19-8-1986	Do.	A process for the preparation of catalyst for use in catalytic shift reactions.
172368	5-4-88	Do.	A process for the production of a hot pressurised gas stream catalytic partial combustion.
169872	10-8-87	Inco Alloys, International Inc.	A process for producing a nickel-chromium alloy.
170403	7-9-87	Do.	A process for producing a nickel-chromium-molybdenum base alloy.
156195	25-6-82	Indian Oil Corpn. Ltd., India	A process for the preparation of formate esters.
158507	25-6-1982	Do.	An oil additive composition for use in lubricating composition.
169911	9-9-88	Do.	A process for the production of fatty acids synthetically from the olefins contained in petroleum refinery streams.
171122	8-8-89	Do.	An improved process for the production of ashless alkylxanthates.
171321	8-8-89	Indian Oil Corporation, Ltd., 254-C, Dr. Anne Besant Road, Bombay-400025, India.	A process for the preparation of a lubricating grease composition.
172846	4-2-91	Do.	An antifriction composition.
172909	9-7-91	Do.	A process for the quantitative recovery of naphthenic acids from petroleum refinery streams.

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151284	24-2-1981	Indian Aluminium Company Ltd. 1 Middleton Street, Calcutta-700071.	Process for the production of low soda alumina hydrate and calcined alumina.
164733	1-12-1986	Industrikontakt Ing. O. Eu, Kleiva 20, N-6900, Floro, Norway.	A Process for recovery of oil.
169072	1-2-1989	Institute Merieux, 17 Rue Bourgelat, 69002, Lyon, France.	Process for the large-scale production of a vaccine against poliomyelitis.
156009	21-12-1981	International Lead Zinc, Research Organisation, Inc, 292, Madison Avenue, New-York, N. Y. 10017, U.S.A.	A process of applying a protective metal coating to a substrate.
155432	17-8-1981	Ion Exchange (India) Ltd. Maharashtra, India.	Process for the preparation of anion exchange resins.
161311	5-5-1986	Do	Preparation of improved isoporous anion exchange resin.
135432	17-8-1981	Do	Process for the preparation of anion exchange resins.
161593	16-12-1985	Do	A process for preparing an electron exchange "resin specifically suited for the removal of iron from water.
166910	27-10-1987	Do	A process for preparing improved cation exchange resin.
169423	23-2-1989	Do	A novel electro-chlorinator having a novel electrode system comprising a pair of electrode assemblies.
170481	19-4-1989	Do	A novel chlorine activator for chlorinating portable water.
171139	26-12-1990	Ishihara Sangyo Kaisha Ltd, of 3-22, Edobori, 1-chome, Nishi-ku, Osaka, Japan.	Process for producing an imidiazolidine derivative.
168502	13-1-1988	Johs krause GmbH, of Mashinenfabrik, Planckstr, 13-15, D-2000, Hamburg-50, West Germany.	Apparatus for treating skins or hides inwet process.
156860	22-6-1982	Kanegafuchi Kagaku Kogyo Kabushiki Kaisha 2, 4, 3-chome, Nakanoshima Kita-ku, Osaka, Japan.	An improved method for production of vinyl chloride resin.
168751	15-12-1986	Kasel Optionix Ltd. of 12-7, Shibadaimon, 2-chome minato-ku, Tokyo. 105, Japan.	Improvements in or relating to a luminescent phosphor composition process for its preparation and fluorescent lamp employing it.
172378	24-5-1989	KERR MCGEE CHEMICAL CORPORATION, of oklahoma city, Oklahoma-73125, U.S.A.	Improved continuous process for recovering carbondi-oxide from a carbondi-oxide rich gas stream.
172792	16-8-89	Do	Process of preparing free flowing powders of non-pigmentary titanium dioxide granular aggregates-
161078	13-8-1984	K-Fuel/Koppelman Patent Licensing Trust, 1873 South Bellaire Street, suit 905, Denver, Colorado 80222, U.S.A.	Process for making aqueous transportable fuel glurry from carbonaceous materials.
171421	2-9-1988	Kikuko Yokoyama, of 6-15, Hanamanuma 2, chome, Suginami-ku, Tokyo, Japan.	Process for producing on thraquinone compounds.

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166837	5-3-1987	Klockner Cra Patent GMBH, Klocknerstrasse 29, Duisburg 4100, West Germany.	A method for the melt reduction of iron ores.
166838	5-3-1987	Do	A method for producing iron.
166720	16-5-1988	Korea Advanced Institute, 39-1, Hawolgok Dong, Sungbook ku, Seoul, Soth Korea.	A process for the preparation of 3-(4-Bromobiphenyl-4-yo) tetratin-l-one.
173460	15-5-1992	Korea Research Institute of Chemical Technology of 100 Jangdong, Yuseoug-ku, Republic of Korea.	Process for preparing biopolymer substrate suitable for coating/mixing with one or more antagonistic micro organiser.
162385	1-7-1985	Krausa-Maffel, AG, of Krauss-Maftei strasse 2, 8000, Munchen, 50, F. R. of Germany.	Method of drying in particular finely granular solid particles in a fludised bed and a fludised bed drier for carrying out the method.
162430	7-12-1984	Krupp. Koppere GmbH, of Altendorfer Strasse, 120, D-4300, Essen, 1, W. Germany.	Process for separating aromatics from hydrocarbon mixtures of any aromatics content.
162656	7-12-1984	Do	Process for separating aromatic from hydrocarbon mixtures of any aromatic content.
170974	7-12-1988	Do	An improved process for the gassification of fine-grained to dusty fuel to produce a hydrogen containing gas and an apparatus thereof.
171212	7-12-1988	Krupp Koppere GmbH, of Altendorfor Strasse, 120, D-4300, Essen, 1, West Germany.	An improved process for producing synthesis & combustion gases.
172620	3-11-1989	Krupp, Widia, Gesellschaft, Mit, Beshrankter Haftung, W. Germany,	Process for preparing a coated metallic base body being coated with a non conducting coating material.
12876	24-6-1988	Kuraray Company Ltd, 2. Mitsui, of 1621, Sakazu, Kurashiki-shi, okayama, ken, Japan, 2. of 2-5-kasumigaseki 3-chome, chiyoda-ku, Tokyo, Japan.	A process for obtaining methacrolein and methocrylic acid from aqueous methacrylic acid.
169836	12-4-1989	Laboratori Guidotti, SSpa, of via, Trieste 40, 56100, Italy.	Pisa, Process for the preparation of cyclomethylen-1, 2-bicarboxylic acids having therapeutic activity.
172059	12-4-1990	Do	Process for the preparation of amides of cyclomethylene-1, 2-bicarboxylic acids having therapeutical activity.
172060	12-4-1990	Do	Process for the preparation of amides of cyclomethylene-1, 2-dicarboxylic acids having therapeutic activity.
153786	6-4-1981	L'Air, Liquide, Societe Anonyme Pour L'Etude, Et L' Exploitation Des Procedes Georges claude, 75, Quai Orasay-75007, Paris, France.	Improvement in or relating to process of apparatus for the production of ammonia synthesis gas.
163053	18-12-1984	Do	Method and installation for recovering a mixture propane, butane and pentane from a gas containing fighter components including ethane.
167585	14-7-1986	Do	Process for cryogenic air separation into its component gases and an air distillation system for carrying out the process.
170626	2-6-1982	Do	Process for separating a gaseous mixture by adsorption.

I	2	3	4
165221	4-2-1986	Lanxide Technology, Corp. Tralee Industriak Park, New York, Delaware-19711. U.S.A.	A method for producing a self supporting ceramic composite structure.
166622	22-1-1987	Do	A method for producing a self supporting ceramic composite body having therein at least one cavity.
166882	15-3-1985	Do	A method for producing a self supporting ceramic body.
167655	8-9-1987	Do	Method for producing self supporting ceramic composite bodies.
167653	01-6-1987	Do	Method for producing abrasive materials.
168227	4-9-1987	Do	Method for producing substantially pure alumina material.
168383	2-9-1987	Do	Method for producing self supporting ceramic bodies with refined micro structures.
168482	7-9-1987	Do	Production of ceramic articles incorporating porous filler material.
168483	7-9-1987	Do	Method for producing a self supporting ceramic composite.
168484	7-9-1987	Do	A method of producing a self supporting ceramic composite.
168485	8-9-1987	Do	Method for producing a ceramic composite body.
165486	15-9-1987	Do	An improved method for producing composite ceramic structures using dross.
168487	15-9-1987	Do	Production of ceramic and metal composite articles incorporating filler materials.
168503	13-1-1988	Do	A method for producing a self supporting ceramic composite structure.
168735	4-9-1987	Do	A method for producing self supporting ceramic body.
168823	8-9-1987	Do	Method for producing self supporting ceramic bodies with graded properties.
168834	4-9-1987	Do	Method for producing an atleast partially coated self supporting ceramic composite structure.
168903	01-1-1988	Do	Method for producing a shaped ceramic component.
168941	4-9-1987	Do	A method of producing self supporting ceramic body.
169016	14-9-1987	Do	A method of producing a foamed ceramic articles.
169021	1-1-1988	Do	Method for producing mold-ahaped ceramic bodies.
169041	4-1-1988	Do	A method for producing a self supporting ceramic composite comprising metal carbide.

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169042	4-1-1988	Lanxide Technology. Corp. Tralee Industriak Park, New York, Delaware-19711. U.S.A.	A method for producing self supporting ceramic composite.
169536	1-7-1988	Do	A method for producing direct contact heat storage medium.
169537	4-7-1988	Do	Methods for forming complex oxidation reaction products including superionconducting articles.
169576	11-5-1988	Do	A method of producing a metal martix composite.
169580	19-5-1988	Do	Method for surface bonding of ceramic bodies.
169659	14-7-1988	Do	Method of producing self supporting bodies.
169718	6-12-1988	Do	Method of producing a self supporting ceramic body.
170603	3-8-1988	Do	Method for producing a self supporting ceramic composite body.
170604	6-12-1988	Do	Method for producing a self supporting ceramic body.
170722	2-1-1989	Do	Method for producing a metal matrix composite.
170850	4-9-1987	Do	An improved method for producing at least partially coated self supporting ceramic composite structures.
.171077	9-9-1987	no	Method for producing self supporting ceramic composite structure.
171088	9-7-1987	Do	A method for making a self supporting ceramic articles.
171214	8-2-1989	Do	A method for producing a protective layer on a ceramic body and a method of using a ceramic body.
171652	2-1-1989	Do	Method of producing metal matrix composite.
172794	29-9-1989	Do	Method of bonding a plurality of bodies consisting metals ceramics composite and the like.
172868	29-9-1989	Do	A method of forming metal matrix composites bodies by use of on immersion casting technique.
173036	29-9-1989	Do	A method for making metal martix composite bodies.
163449	28-5-1985	Lone star Industries Inc. of one Greenwich, Connecticut 06830, U.S.A.	A process for preparing an early high strength concrete composition.
172607	18-1-1989	Lonza Inc. of 22-10, Route 208, Fair Lawn, New-Jersey-07410, U.S.A.	A preservative composition to preserve substances like household or personal care products and process for preparing the same.
170251	13-4-1988	Luminis PTY, of 233, North Terrace, Adelade, 5000, South Australia.	Methol and appartus for mixing first and second fluid.

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173299	14-1-1992	Lunar Corporation of 313, West Beltline, Highway, Madison, Wisconsin-53713, USA.	A method of preparing 5, 6-Cis, 1, 24 dihydroxy vitamin D2.
157529	25-3-1982	Magnesium Electron Ltd. of Luma's Lane, Clinton, Junction, Swinton, Manchester, England.	A method of making a magnesium alloy.
168942	18-9-1987	Magyar Aluminiumipari, Troszt, of Budapest XIII, Possouyi, ut, 56, Hungary.	Process for obtaining gallium from sodium Aluminate solution by cementation.
159054	25-6-1983	Man Gutchottnungs Huctte AG, Bahnhof strasse 66, 4200, Oberhausen 11, West Germany.	A method for the production of synthesis gas & a reactor for carrying out of method.
166503	21-11-1985	Do.	A process for the production of synthesis gas by gasification of coal.
162596	7-12-1984	Mannesmann AG, of Mannesmannufer 2, D-4000, Dusseldorf 1, West Germany.	Process for the production of ferrochromium.
165027	13-5-1986	Do.	Process for the reduction of iron-containing chrome ores.
167906	13-8-1986	Do.	An improved process for the preparation of unalloyed steels.
169801	27-10-1987	McCormick & Company, Incor of 11350, McCormick RD, Hunt Valley, Maryland 21031, USA.	Method of an apparatus for producing a sterilized raw Vegetable Product.
172618	17-8-1989	McDermott International Inc, of 1010, Common, Street, POBO x 60035, New Orleans, Louisiana-70160, USA.	Process of recovering ethane from natural gas.
165699	3-6-1987	Meili Seika Kaisha, Ltd, of 4-16, Kyobashi, 2-chome, chuo-ku, Tokyo, Japan.	Process for the Production of L-2-Amano—4-C Hydroxymethyl phosphinyl butyric acid.
161410	13-1-1982	Metaux Ltd., of 20, Meteor Drive, Rexdale, Ontario M9W, 1A5, Canada.	A process for preparing an article by fusing a matrix of a first electrically conductive chemical element with at least one second electrically conductive chemical element which is in a dissociable form a part of a solution.
161919	17-2-1986	Metallurgical & Engineering Consultants, (India) Ltd, India.	Coke oven foul gas offtake system.
165001	20-6-1980	Do.	Plant for cleaning deposits from the gas side of vertical type primary gas cooler for coke oven gas,
162925	21-4-1986	Metaux speciaux, S.A. Tour Manhattan, La, Defense 2, 5, 6, place de l' Iris-92087 Paris, La Defense (France).	Process & apparatus for purifying lithium.
160813	1-6-1983	Midrex International H.V. Wiltriedstrasse 12, Zurich 8032, Switzerland.	Method of generating a reducing gas.
164016	16-8-1985	Do.	Process for reducing metallic oxides to metallised material.
164404	12-8-1986	Do.	Method and apparatus for producing molten iron using coal.
164263	20-9-1985	Miner Enterprises, Inc.	A method of treating a body made from a copolyester polymer elastomer materials.
168763	2-11-1987	Mitsubishi Mining and cement of 5-1, Marunouchi, 1, Tokyo-100 Japan.	Finely pulverized solid fuel burner.
158493	2-4-1982	Mitsubishi Rayon Co, Ltd, No, 3-19, Kyobashi-2-Chome, chuo-ku, Tokyo, Japan,	Process for producing a acrylic synthetic fibers having irregular form section,

1	2	3	4
168387	30-11-1987	Mitsu Petrochemical Industries Ltd. 2-5 Kasumigaseki, 3 chome Chipoda-ku, Tokyo 100, Japan.	Improvements in or relating to a process for the production of aromatic carboxylic acid.
168544	3041-1987	Do.	Process for the production of high purity terephthalic acid.
160158	30-4-1984	Mitsui SRC Development Co. Ltd, No. 1-l., Muromachi-2-chomc, Nihonbashi, Chuo-ku, Tokyo, Japan.	Coal liquefaction process integrated with a coke production step.
155958	7-4-1982	Mitsui Toatsu Chemicals, Inc, and Tokyo Engineering, Corporation, Japan.	Continuous Bulk polymerization reactor.
136283	21-8-1981	Do.	Process for synthesizing urea.
156660	23-11-1981	Do.	Process for producing rubber modified styrene resins.
158315	15-6-1982	Do.	Asynenergisticsolvent composition for washing high molecular substances stuck on the interior of a production apparatus or molding apparatus.
161868	24-5-1985	Do,	An improved process for producing stysene base resin.,
161945	29-10-1983	Do.	Continuous process for producing rubber modified high impact resins.
163288	4-3-1986	Mitsui Toatsu Chemicals, Inc, Japan.	An Improved process for preparing acrylamide crystals from aquous solution of acrylamide.
164574	14-3-1986	Do.	Improved process for the preparation (METH) acrylamide.
164816	27-3-1986	Do.	A continuous treating process of a rubber modified styrenic polymer compositions.
165826	27-1-1987	Do.	A process for the synthesis of acrylamide.
169056	8-7-1988	Do.	A method for producing methacrolein.
170143	1-12-1988	Do.	Process for the preparing of acrylamide.
170253	24-6-1988	Do.	A process for obtaining methacrylein and methacrylic acid from a reaction product gas obtained by know catalytical oxidation of isobutylene, Tertiary butanol methacrolein or isobutyl Aldehyde.
170713	24-6-1988	Mitsui Toatsu Chemicals, Inc, of 2-5, Kasumigaseki, 3-chome, chiyoda-ku, Tokyo, Japan.	Process for the purification of methacrylic acid.
172996	24-6-1988	Do.	A process for obtaining methacrolein and methacrylic acid from a reaction product gas.
163827	21-7-1982	Mobil Solar Energy Corporation, of-16, Hickory Drive, waltham, Massachusetts, USA.	Apparatus for growing thin walled tubular crystalline bodies made of silicon alphas-alumina or like from the melt.
155993	8-6-1982	Monsanto Company 800, North. Lindbergh, Boulevard, St. Louis, Missouri 63177, USA.	Improvements in a process for the production of cyclohexylamine.
156863	18-10-1982	Do.	A process for inhibiting premature vulcanization of a vulcanizable rubber composition.

1	2	3	4
164412	17-7-1985	Morton international 1, Lambeth Palace Road, London SE17 E.U, U.K.	A process for preparing a liquid co-polymers.
169349	17-12-1987	Morton Thiokol Inc. of Station Tower, station square, Coventry, CV-12 GH, England.	A method of manufacturing a polymeric sheeting.
157988	5-10-1987	Neutralysis Industries Pty, Ltd, of 2 Leeds, Street, Rocklea QueensUnd-4106, Australia.	A method for the treatment of domestic and industrial waste materials,
170845	27-3-1989	NGK, Insulators, of 2-56, Suda-cho, Misuhoku, Nagoya city, Aichi, pref. Japan.	Optical fibre composite insulator and method producing the same.
171743	26-6-1989	Do.	Optical fibre-containing insulators and producing process thereof.
152086	12-5-1981	Nippon Zeon, Co, Ltd, of 6-2, 2-chome, Marunouchi, Chiyoda-ku, Tokyo, Japan.	Improved process for separating conjugated diolefinhydro carbons from a hydro carbon mixture.
157330	21-8-1982	Nissan Chemical Industries Ltd, 7-1, 3-chome, Kanda-Nishiki-cho, Chiyoda-ku, Tokyo, Japan.	Process for producing polyethylene.
157473	21-8-1982	Do.	Process for (he preparation of a catalyst suitable for use in producing polyethylene.
158042	4-6-1982	Do.	A process of preparation of a catalyst for the polymerization or copolymerization of ethylene.
158588	29-3-1985	Do.	An improved process of polymerization or copolymorization of ethylene.
164666	2-9-1986	Do.	Process for preparation of pyridazinone derivatives,
169817	27-7-1988	Do.	Method of preparing a novel 3(2H)-pyridazine derivative.
172520	24-4-1994	North American Vaccine, Inc, 12103 Indian, Creek Court, Beltsville, MD-20705	Process of preparing a novel vaccine composition for use in respect of various viral pathogenic conditions in warm blooded animals.
173000	6-9-1994	Do.	Process for preparing a novel vaccine composition.
156855	7-4-1982	North Bengal Coal Complex Pvt. Ltd, at 2B, Burdwan Rd, Calcutta-700027, West Bengal, India.	Continuous carboniser for the production of domestic coke from coal.
171745	21-9-1990	Norpharmco, Iuc, of 700, Boly Street, 20th floor, Toronto, Ontario, Canada, M5G, 1Z6, Canada.	Method for the preparation of pharmaceutical 1 nodicinal composition,
171031	5-4-1988	Nukem GmbH. Rodenbacher chaussee-6. D-6450. Hanay. (Main). 11. Fed. Rep. of Germany,	Solar cell and method of producing the same,
171692	25-10-1988	Peter weinwurm. of 3590. Kanef Crescent, Apt. 606. Mississaga, Ontario. L5A-3x3, Canada.	A method of treating hazardous or toxic waste containing for organic matter and metals for production of an in, organic insoluble industrial raw material.
168084	9-3-1987	Philips petroleum Company, of Bartles ville, State of oklhomas. U.S.A.	A process for preparing a polymodal craze resistant-law colour transparent linear resinous block coplymers.
168085	9-3-1987	Do.	A process for the preparing a polymodel craze resistant law colour, transparent linear resinous copolymers.

1	2	3	4
168443	5-8-1987	Philips petroleum Company, of Bartles ville State of oklhomas, U.S.A.	An improved water dispersible polymeric composition and a process for preparing the same.
169892	2-3-1988	Do.	Fluid loss additives for preventing fluid loss in cement slurries.
170952	1-9-1988	Do.	Process for olefin polymerization.
172380	4-12-1989	Do.	Process tor dehydrogenating light paraffins (alkanes).
165429	14-8-1986	Pka Pyrolyse Kraftanlagen of D-7080, Aalen, West Germany.	A process and plant for the recovery of utilisable gas from garbage by means of pyrolysis.
157644	4-2-1982	Portals Ltd. of overton, Basingstoke, Hampshire, RG 25, 3GG. England,	Method of making fibrous sheet materials and fibrous sheet materials produced thereby.
171475	14-2-1989	Otto India Ltd. West Germany.	Process for the treatment of waste water resulting from coal pyrolysis for recycling it and recovery of the salts present therein.
155869	25-9-1981	Outokumpu oy SF-83500. outokumpu, Finland.	A process for the recovery of lead silver and gold from the iron-bearing reside of an electolytic zinc process.
157144	1-7-1983	Do.	Procedure for roasting seleniferous material
166784	11-3-1988	no.	A method for manufacturing tubes bars and slips of a non-ferrous metal.
162787	22-10-1984	Research Association of. No. 4-2 1-chome. uchikanda, Chlyoda-ku, Jokyo. Japan.	Process for producing ethanol by fermentation.
165947	3-8-1987	no.	Process for the recovery of carbon from aqueous carbon slurry.
1(55362	25-2-1986	Rheem Australia Ltd. of 26. Level. westpac Plaza, 60 Margaret st. Sydney NSW-2800, Australia.	Layered fabric and method of forming same.
169862	28-24990	Richter Gedeon Vegyeszeti Gyar R.T. Hungary.	Process for preparing A4 <sup>14</sup> —/6 17-dihydroxypregnama-16, 17. cyclic aldehyde, acetal and cyclic ketone. ketat derivatives,
170846	28-2-1990	Do.	Process for the preparation of novel and 14-16 L 17-dihydroxy pregnace-derivatives.
170979	9-8-1990	Do.	Process for the preparation of Z-oxo-3, 8-diazospiro (4, 5) decane derivatives,
171700	6-11-1990	Richer Vegyeszeti. Gyar RT.	Process for the preparation of novel pyridine derivatives.
1(59266	3-10-1986	Royal ordnance Plc. of Griffin House,5 The Strond London-WCZN. 5BB. England.	Explosive sheet.
169504	3-10-1986	Do.	Explosive projectile.
166662	9-7-1986	SAB NIFE AB, of Box 515. S-26124, Landskrona, Sweeden.	Valve for the addition of water to electrochemical accumulator batteries.
168103	29-7-1986	Saft, of 156, Avenue de. Matz-93230, Romainville, France.	A method of manufacturing a polymer consolidated cadmium electrode for an alkaline storagecell.
173290	28-12-1989	Samsung, Electron Devices Co. Ltd. of 575. Sin-Ri. Taeon-Eub, Hwasung-kun. kyungki. Do. Republic of Korea.	Method for manufacturing europium activated phosphor.
169510	10-9-1994	Sanford Redomond.	Dispensing package for flowable products.

1	2	3	4
156896	7-6-1982	satanu Roy 13, Nanda, Kr. Chowdhury Lane, Calcutta-700006.	A process for the manufacture of bitumen polymeric elastomers.
161852	10-12-1981	Do,	An improved ignitable composition matter and process for preparing the same.
158900	8-2-1983	Secretary of State for Defence, of white Hall, London SW1 A, 2HB, England.	Process for the production of an aluminium, base alloy.
159479	27-6-1983	Do.	Liquid crystal devices.
161282	28-1-1984	Do.	Liquid crystal composition.
160070	23-9-1983	Do,	A process for the production of an aluminium base alloy.
166582	20-1-1986	Do.	Liquid crystane compositions.
166851	11-11-1985	Do.	A ferroelectric smectic liquid crystal mixture.
156855	7-4-1982	Shanti Coal Pvt. Ltd., of Shanti Complex. Kothi Bazar, Dist:- Betul (M.P) India.	Continuous carboniser for the production of domestic coke from coal.
15.1483	14-10-1983	Shell Internationale Research, Maatschapping, B.V.a, Company, of Carel Van Bylantlaan 30 The Hague, The Netherland.	A process for preparation of oxygen-containing organic compounds and paraffinic hydrocarbons.
155501	3-11-1981	Do.	Removal of hydrogen sulphide and carbonyl sulfide from gaseous mixtures.
156408	14-6-1982	Do.	Process for the removal of CO <sub>2</sub> , and if present H <sub>2</sub> S from a pas mixture.
156920	24-5-1982	Do.	Sulphur recovery process.
157514	14-6-1982	Do.	Process for the removal of H <sub>2</sub> S and CO <sub>2</sub> from a gas mixture.
158141	9-2-1983	Do.	A process for the Separation of a liquid mixture by extraction.
158380	5-11-1983	Do.	Process for the preparation of a Fisheetro-psch catalyst and use of this catalyst in the preparation of hydrocarbons.
158700	19-7-1983	Do.	Process for the preparation of hydrocarbons.
155456	2-3-1983	Do.	Process for recovering a glycol from an electrolyte containing aqueous solution.
160759	13-3-1985	Do.	Process for preparing high activity free flowing olefin polymerisation solid catalyst composition.
160959	26-2-1985	Do.	A process for preparing a carboxyl terminated polyester.
162460	20-2-1985	Do.	Process for the polymerization of an alpha mono-olefin.
163184	21-3-1985	Do.	Process for the preparation of polymers of conjugated dienes and optionally monoalkenyl aromatic hydrocarbons.
I635S5	6-9-1984	Do.	A process for producing olefin polymerization pro-catalyst.
165809	18-12-1985	Do.	Process for the preparation of degraded modified C <sub>3</sub> -CB. monolefin homoploymer copolymers.
166314	11-8-1986	Do,-	Process for preparing novel copolymers of carbon monoxide ethene & another olefinitely unsaturated hydrocarbons.

1.	2	3	4
167590	6-9-1984	Shell International Research, Maalschapping, D V a. Company, of Carel Van Bylantluan 30, The Hague, the Netherland.	A process for the catalytic polymerisation of an olefin.
167615	26-2-1987	Do.	A process for the preparation of a carbonylated olefinically unsaturated compound.
167892	6-5-1986	Do.	Process for producing hydrocarbon-containing liquid from biomass.
167994	25-6-1986	Do.	Process for the anionic polymerization of monomers.
168064	30-7-1986	Do.	Melt-spinnable for meltblowable copolymer composition and fibres whenever melt-spun or Melt-blown therefrom.
169380	7-1-1986	Do.	Method of manufacturing crystalline polyster articles.
169503	7-1-1980	Shell International, Netherlands.	Method of manufacturing an amorphous therthally stable polyolofin modified polyethylene terpholate sheet.
169589	20-10-1987	Do.	Improved catalyst compositions for use in the production of ethylene oxide.
169590	30-11-1987	Do.	A process for the preparation of an elastomeric composition.
170003	3-0-1986	Do.	Process for the preparation of a silver Catalyst,
170009	27-4-1987	Do.	Process for the preparation of a silvo-containing, catalyst suitable for the oxidation of ethylene to ethylene oxide.
170453	16-2-1987	Do.	Process for regeneration spent resin.
170625	22-5-1987	Do.	Process for the preparation of polymers
170743	4-3-1987	Da	Process for the preparation of carbonyl compounds.
171621	20-5-1986	Do.	Process for the purifying a liquid phase comprising ticl and a halohydrocarbon by removing contaminants, therefrom.
171627	4-5-1987	Do.	Novel catalyst composition.
171800	20-5-1988	Do.	A process for preparing a solid magnesium titanium and halid containing catalyst compound for -1- Alkene paymerization.
172272	27-7-1987	Do.	A process for the preparation of silver containing catalyst.
157650	23-3-1982	Shin-Etsu Chemical Co- Ltd.	Improvement in or relating to polymerization of an ethylenically unsaturated polymerizable monomer.
157818	15-10-1982	Do,	Improvements in or relating to a polymerization reactor used for carrying out polymerization of a vinylic monomer.
165525	3-7-1985	Shin-Etsu Chemical Co- Ltd., of 6-1-, Ohtemachi-2-chome, chiyodakul Tokyo, Japan,	Process for production of cinyil chloriride polymer.

1	2	3	4
170052	11-7-1988	Shinkokohjinkasei Co. Ltd. of 1-1, Koukokumachi, Yatusushire city, Kumamoto-866, Japan,	A process for preparing of functions regenerated cellulose composition.
170728	17-4-1989	Sicpa Holding SA., of Burgestrasse 17, Ch-8750, Switzerland.	Glarus, Security document printing Ink.
164998	28-4-1986	SKW TROSTBERGAG, of Dr. Albert Frank Street, 32, D-8223, Frostberg, F. R. Germany.	Process for the removal of caffeine from tea.
161625	21-11-1983	Societe Des Electrodes Et. Refractaires, Savoie (SERS), of 12, rue du Generas. Foy, 75008, Paris, France.	A fired refractory product based on refractory grains finder.
166330	21-11-1983	Do.	A mixed refractory block for use in aluminum electrolysis cells or furnaces.
171041	8-8-1985	Societe Generale pour, Lee Techniques, Nouvelles, S.G.N. of 1, rue des Heroue, Montigny-le-Brotonneux, 78184-Saint-Quentin,-en-Yvelines Codex, France	A process for and art apparatus for producing methane, and carbon dioxide.
167024	27-5-1986	Societe Nationals des Poudres Et, Explosifs.	Pyrotechnic ignitor for shells.
166668	2-9-1986	Do.	A propellant composition
167111	12-2-1985	Sohio Commercial Development, Company.	A method of manufacturing a film of HgI <sub>2</sub> —Te on a conductive substance
156855	7-4-1982	Solar smokless, Fuels, Pvt. Ltd., at prakash Kunj, Opposite Bariatu, Housing Colony, Ranchi-834009, Bihar, India.	Continuous carboniser for the production of domestic coke from coal.
172865	7-8-1989	Solmex AC, of Rohriliistrasse, 6353, Waggis, Switzerland.	Pencilead substances and a process for its production.
171136	25-11-1988	Sonoco, Products Co. of Harta ville, south, Carolina-29559, U.S.A.	Stretch blowmolded polyethylene terephthalate wide mouth container and intermediate article.
164758	11-7-1985	Specialised polyurethane, Applications Pty, Ltd., of 5 at Thomas Street, Waverly, New South Wales-2024, Australia.	Borehole plug for a borehole for placing explosives thereon.
164006	8-8-1985	Stein Industries, of 19-21, avenue, Morane, Saulnier, 78140, Valizy, Villacoublay-France.	Ignition and combustion supporting burner for pulverized solid Fossil fuel.
165805	10-12-1985	Stein Industries, France.	Duct for conveying smoke filled with fine ash particles and having heat exchangers and protective device for protecting the heat exchangers,
154475	22-7-1981	Stamicarbon H. V. P. O. BOX. 10,6160, MC, Geleen, The Netherlands	Process for the preparation of copolymers of ethylene with at least one other 1-alkene
154476	22-7-1981	Do.	Process for the preparation of copolymers of ethylene with at least one other 1-alkene.
154655	26-3-1981	Do.	Production of polyamide based objects and objects as produced.
154656	26-3-1981	Do.	Preparation of polytetramethylene adipamide.
154657	26-3-1981	Do.	Preparation of high molecular polytetramethylene adipamide.

1	2	3	4
158001	28-6-1982	Stamicarbon B. V. P. O. Box 10,6160, MC. Greleen The Netherlands.	Process and device for the preparation of polymer melts which are substantially free of volatile components.
158211	3-3-1983	Do.	An improved process for preparing melamine.
158343	16-10-1982	Do.	Process for the production of polymer filaments having high tensile strength and modulus.
163593	6-3-1985	Stone and webster Eng. U.S.A.	Hydrocarbon pretreatment process for catalytic cracking.
156855	7-4-1982	Swarnrekh Cokes & Coals Pvt. Ltd. at M.E. School, Road, Jugsalai, Jamshedpur-831006, Bihar, India.	Continuous carboniser for the production of domestic coke from coal.
165846	24-6-1986	Texace Development Corporation, of 2000, Westchster, Avenue, White Plains. New York 19650, U.S.A.	A process for the production of gaseous mixture comprising hydrogen and carbon monoxide.
166843	18-2-1987	Do.	An improved method for producing an aqueous slurry comprising solid carbonaceous fuel and recycle carbon containing particular solids of a desired solids concentration.
171865	10-5-1989	Do.	Method for preparing a polymeric lubricant additive for lubricating compounds.
166260	2-9-1986	The Additional secretary, Defence Research, Ministry of defence, Govt. of India. New Delhi, India.	An improved process for the preparation of dialkyl aryl acetamides.
173301	16-3-1989	The Babcock and Wilcox Company USA.	Burner for the combustion of coal, oil or gas.
167854	29-7-1986	The Board of the Rubber Research Institute of Malaysia, of 260, Jalan Ampang, Kuala Lumpur-16-03, Malaysia.	Process for the production of epoxidised natural rubber from fresh natural rubber field latex.
154977	10-12-1981	The British Petroleum Company Ltd., Britannic House, Movr, Lane-London, ECZY, ABU, England.	A flare.
157506	28-12-1981	The British	—Do.—
160958	7-5-1985	Do.	A process for producing the crystalline aluminosilicate.
162859	28-12-1981	Do.	Process for the conversion of a mixed aliphatic hydrocarbon feed stock into liquid produce.
159028	15-10-1984	The Director, Central Pulp, and Paper Research Institute, Vasant, Vihar, Dehra Dun, India.	A hydrocarbon conversion process comprising reacting hydrocarbon in the presence of a novel crystalline alumino silicates catalysts.
161877	23-1-1985	The Goodyear Tire and rubber Company, USA.	A process for recovery of sodium hydroxide from spent liquor.
166663	9-7-1986	Do.	A process for the aqueous emulsion polymerization of functionalised monomers.
167972	2-7-1986	Do.	A process for making a self emulsifiable resin powder.
			Siloxane containing network polymer.

1	2	3	4
168535	11-6-1987	The Goodyear Tire and rubber Company USA.	A process for preparing a vulcanizing agent for natural and synthetic rubbers.
172011	17-7-1986	Do.	A suspension strut for connecting a sprung portion and a unsprung portion of a suspension.
155231	5-9-1981	The lubrizol corporation, 29400, Lakeland, Blvd. Wickliffs ohio-44092, U.S.A.	Improved crude oil composition.
155285	31-1-1986	Do.	Process for preparing mixed alkylesters of interpolymers for use in crude oils.
15665y	24-5-1983	Do.	A composition for use in oil based lubricants containing carboxylic acid derivatives of alkenoal tertiary monoasmines.
158265	. 5-4-1984	Do.	A process preparing novel boron-containing compositions.
158598	8-9-1982	Do.	A process for preparing a composition for lubrication metal during working thereof.
160502	31-3-1984	Do.	Phosphorus containing metal salt/olefin additive composition.
160840	6-1-1984	Do.	A process for preparation of novel dithiophosphorus /amine salt.
161061	24-6-1983	Do.	Process for making a nitrogen containing ester of a carboxy containing interpolymer.
161461	8-8-1983	Do.	A liquid composition having hydrocarbyl substituted carboxylic acylating agent derivative containing combinations.
161606	16-2-1984	Do.	An additive composition having alkyl phenol and amino phenol for use in lubricating Compositions.
162409	5-4-1984	DO.	Improved lubricating composition having oxidation inhibition properties, improved extreme pressure properties and decreased fuel consumption properties containing novel boron containing additive composition.
161587	29-1-1985	Do.	Process for preparing a water disperible reaction product for use in lubricants cutting media.
162875	31-3-1984	Do.	Process for the preparation of metal corrosion inhibitor for use in aqueous system.
163405	11-2-1985	Do.	A process for preparing nitrogen, phosphorous containing agents useful as ashless anti wear extreme pressure and/or load bearing agent.
163431	28-2-1983	Do.	Additive composition, containing amino-phenol combinations useful as lubricant and fuel additives.
163584	15-6-1984	Do.	A method of preparing metal salts of dialkylphosphorodithioic acids.
163700	16-2-1984	Do.	An improved lubricating oil composition.
164211	23-1-1935	Do.	Improved process for making substituted carboxylic acid and derivative thereof.

1	2	3	4
164585	15-1-1986 16-10-1985	The Lubrizol Corporation, 29400, Lakeland Boulevard, Wickliffe, Ohio-44092. USA. Do.	A lubricating oil composition. A process of preparing a sulfurized composition useful as lubricant additives.
164850	18-12-1985	Do.	Process for the preparation of a dispersant suit suitable for formation of stable aqueous dispersant composition.
165348	24-12-1985	Do.	A process for preparing a casting composition.
166098	31-3-1984	Do.	A lubricant composition having antioxidant/ or anti-wear properties.
166099	31-3-1984	Do.	A phosphorus containing metal salt/olefin additive composition.
16635-1	7-11-1985	Do.	A lubricant composition for use in-two-cycle internal combustion engines.
166354	7-11-1985	Do.	A lubricant composition for use in-two-cycle internal combustion engines.
166357	24-2-1986	Do.	A process for preparing a lubricant composition.
166474	30-10-1985	Do.	A process for preparing a lubricant additives aqueous system.
166484	25-11-1985	Do.	A lubricating oil composition containing less than about 0.1 percent, by weight of phosphor.
166512	15-1-1986	Do.	Eiqui & hydrocarbon composition for use as fuels crude oils & lubricants.
166757	15-4-1986	Do.	A process for preparing sulfurized hydrocarbyl containing compounds.
166779	6-1-1984	Do.	A composition for use as functional fluids having anti-wear and high pressure properties.
166823	24-1-1986	Do.	An oil soluble lubricant composition.
167018	28-8-1986	Do.	A method for producing homopolymers & copolymers of amido-sulfonic acid containing monomers and salt thereof
167038	3-9-1986	Do.	Method casting metal workpiece to produce coated workpiece & the work piece product therefrom.
167479	28-1-1985	Do.	Improved process for making substituted carboxylic acids.
167490	25-11-1986	Do.	A process for preparing an oil-soluble viscosity improver.
167643	28-2-1983	Do.	A nitrogen containing organic additive in the form of composition or concentrate
167666	13-10-1986	Do.	A water in oil emulsion for use such as hydraulic fluids acidizing fluids or explosive compound.
167837	5-8-1986	Do.	A fuel composition for internal combustion engines.

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167977	13-1-1987	The Labrizol Co-poration, 29400 Lakeland Boulevard, Wicklffe, Ohio-44092, USA,	Lubricant composition containing transition metals for viscosity central.
167993	I-5-1986	Do.	Process for producing an oil soluble load carrying additive.
168102	10-7-1986	Do.	A process for preparing a sulfurized composition for use as lubricant additives.
168197	23-9-1987	Do,	Process for the production of a high carbonate containing borated product.
168250	16-10-1985	Do.	A liquid lubricating composition having improved antioxidant characteristics.
168302	17-12-1986	Do.	A functional fluid such as hydraulic/transmission fluids brake fluids power steering fluids tractor fluids,
168375	16-4-1987	Do,	Lubricating composition containing an additive derived from 0-0-dialkyldithosphoric acid & a norbornyl reactant and method for the producing thereof.
169147	19-3-1987	Do.	A synthetic lubricant composition.
169235	5-11-1985	Do.	Process for preparing N-acylated aminohydro carbonyl sulfonic acid or acid derivatives.
169280	7-11-1985	Do.	A lubricant composition for use in two cycle Internal combustion engines.
169508	17-12-1986	Do.	Composition for use as an additive for functional fluids.
170165	23-12-1986	Do,	A lubricant or functional fluid composition.
170459	17-9-1987	Do.	Lubricant composition.
170623	23-4-1987	Do.	A lubricating composition and method for manufacturing the same.
170655	18-12-1985	Do.	Improved dispersant salt composition.
170839	25-11-1986	Do.	A process for preparing an oil soluble viscosity improves.
172193	25-11-1986	Do.	A process for making an oil soluble dispersant viscosity modifying composition.
172274	3-9-1987	Do,	A method for preparing an oil soluble metal containing additive for use in functional fluids.
172297	28-1-1985	Do,	Method for preparing a substituted carboxylic acid derivative composition.
172404	8-4-1988	Do.	A method for preparing basic metal dihydrocarbypheeha.
172598	2-3-1988	Do.	A process for producing sulfurized olefin.
172633	4-6-1987	Do,	A process for making carboxylic salt suitable for the preparation of a water-based functional fluid composition.
172725	6-7-1988	Do.	A process for preparing a lower alkene polymer.
172746	30-5-1988	Do,	A lubricating oil composition,

1	2	3	4
172977	30-5-1988	The Lubrizol Corpn. USA.	A lubricating composition.
173009	6-7-1988	Do.	A process for trading a substitute to produce an over baised substrate for use in lubricants and rust preventive composition.
167496	18-3-1987	The Malaysian Rubber Producers' research Association, of Tun, Abdul. Razak Laboratory. Bricendenbury. Mertford. SG-13. BNL. England	A method of preparing an slastoplastic composition.
172101	27-11-1986	Do.	Method for producing a low molecular weight rubber latex.
167756	13-11-1986	The Minifater Agriculture, Fisheries & Foods.	An electro chemical process for the salvage of.
164806	23-8-1985	The M.W. Kellog Company. Three Green-way Plaza. Houston. Texas 77046. U.S.A.	Process for producing ammonia in a synthesis.
165953	24-1-1986	Do.	A method for production of a combustion gas having low sulfer content from sulfer containing fuel for use in the manufacture of high pressure steam.
169187	19-3-1987	Do.	A process for the steam cracking of hydrocarbons.
171012	17-7-1987	Do.	Process for recovering mercury from natural gas.
171796	15-01-1988	Do.	Method for separating a hydrocarbon gas mixture and recovering a liquid stream of condensed hydrocarbon components therefrom .
171747	14-12-1994	The National Research Council of Canada, of the Govt. of Canada, of Montreal Road. Ofowa, Ontario Canada-K1A OR-6.	Method of making conjugate of polysaccharides for use in preparing a vaccine.
169960	4-9-1989	The Research Foundation, for Microbial, Diseases, of Osaka University. C/o, Osaka-University, eka, suita shi, Osaka, Japan.	A method for producing a non-A. non-B, Hepatitisvirus 3-1 Yamada. atnigenpetide.
172742	18-12-1987	The Standard oil Cay.	A method for the manufacture of Elimic contacts.
164616	20-9-1985	The Tata Iron & Steel Co. Ltd. Tata Nagar, Jamshedpur, Bihar. India.	Improvement in or relating to process for producing high purity magnesium/carbonate from magnesites/delomites. capable of being calcined to high purity magnesia.
159215	29-11-1982	Thickel, Corps, of P.O. Box, 1000, Newtoun, Penusylvania, 18940. U.S.A.	A process for preparing thioether-modified sealant compositions.
162816	14-5-1985	Thyssen atahl, AG. SKW, Trustberg, AG, both of, D-4100. Duisburg. West Germany and of Dr. Al. bert-Frank Strasu-32-D-8223, Trustberg, West Germany.	Fine granular desulfurizing agent for iron melts and process for desul furizing pig-iron metis.
165862	17-1-1986	TLV-CO. Ltd. of Hibiya Kakusai Bldg, OF. 2-3. Uchisaiwai-che. 2-chome. Chiyade-ku. Tokyo, 100. Japan.	Gas-water separator.

1	2	3	4
156671	13-10-1982	Toyo Engineering corp. of 2-5 Kasumiga-seki 3-chome. Chiyoda-ku. Tokyo Japan	Process for synthesizing urea.
157607	2-3-1982	Do.	Process for preparation of polymeric substance or a liquid product containing polymeric substance.
159630	15-11-1982	Do.	A cyclic urea synthesis process
165755	25-9-1985	Do.	Process for producing urea.
167486	12-9-1986	Do.	Process for treating urea unlimited with a urea melt a liquid coating material in a fluidizing bed to obtain coated urea granules
168233	24-2-1988	Do	Process for the hydrolysis of urea in dilute aqueous urea solution.
169023	15-2-1988	Do.	Improved urea synthesis process having stripping type solution recycled steps.
171250	16-10-1987	Do.	A process for the synthesis of urea.
164532	9-5-1985	Toyota Jidesha Kahuashiki Kaisha 1, Toyata-cho, Toyota-shi Aichi-ken, Japan.	A process of making composite material reinforced with alumina silica fibers including multite crystalline form.
166702	8-12-1986	Uhde GmbH of Friedrich-Uhe-str. 15.4600, Dortmund 1, F. R. of Germany.	Device for use in a process for the manufacture of a products gas containing hydrogen and carbon oxide.
153218	8-4-1981	Unic Van Kunstmeatfabrickan B.V. P.O. Box 45,3500 AA, Utrecht. The Netherlands.	Process for making urea prills.
162193	10-1-1984	Unilever Plc. A British Company of Unilever House, Blackfriars, London, EC4P, 4BQ. England.	Process for preparing nickel based hydrogenation catalysts.
163580	10-1-1984	Unilever Plc. England.	Process for hydrogenation unsaturated Organic compounds-
166040	22-6-1988	Unilever Plc. of Unilever House. Blackfriars. London EC 4, England.	Process for the preparation of a particulate tea product.
169097	31-5-1988	Do	Method of stripping and recovery of aromer & flavour compounds from plant materials.
158241	23-3-1983	Union Carbide Corn.	An improved process for continuous production of polymer in a fluidized bed reactor.
172293	3-4-1989	United Parcel service of America Inc. of 461. Weaver ST. Greenwich of Park-5 Greenwich. Connecticut 06836. 3160. V. S. A.	System for optical marks sensing and decoding optically readable labell.
156855	7-4-1982	Vandana Pvt. Ltd. at 203. 2nd Floor. Karan. Centre. S. D. Road Secunderabad-500003. Andhra. (India)	Continuous Carboniser for the production of domestic coke from coal.
164489	18-4-1986	Voest Alpine Ad.	An improved process for the production of sponge tronwith the simultaneous generation of top-gas.
168312	22-11-1985	Do	Apparatus for thermally, treating lime-grained solids particularly for lowering ground raw material' for making Cement.
169922	15-10-1987	WNC-Nitrochemie. GmbH, of D-8261, Aschay, West Germany.	Process for the preparation of propellant charge powder.

## REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for period of two years from the date of registration except as provided for in Section 50 of the Design Act. 1911.

The date shown in the each entries is the date of the registration included in the entries.

Class 4. Nos. 169218 to 16922 Ultima Cosmetics Pvt. Ltd., a company register in India having office at 1921, Cora Bazar Street, Fort, Bombay 400001, Maharashtra, India. "BOTTLE WITH COVER", 23rd May 1995.

Class 4. No. 170774 & 170775, Madhusudan Industries Limited, a company incorporated under the Companies Act, having its regd. office at Madhusudan House, Opp.. Navrangpura Telephone Exchange, Ahmedabad-6, Gujarat, India, "EUROPEAN WATER CLOSET AND CISTERNS", 22nd February 1996.

Class 4. Nos. 170776 & 170777, Madhusudan Industries Limited, a company incorporated under the Companies Act having its regd. office at Madhusudan House, Opp. Navrangpura Telephone Exchange, Ahmedabad-6, Gujarat, India, "WASH BASIN AND PEDESTAL", 22nd February 1996.

Class 4. Nos. 170391 & 170392, Lakme Limited, of Bombay House, 24 Homi Mody Street, Bombay 1, Maharashtra, India, an Indian Company, "NAIL ENAMEL BOTTLE", 13th December 1995.

Class 4. Nos. 170689 & 170695, H. & R. Johnson (India) Ltd., Whose address is Kakad Chambers, 132 Dr. Annie Besant Road, Worli, Bombay 18, Maharashtra, India, "TILF", 7th February 1996.

Class 4. Nos, 171201, 171202, 171330 & 171331, Mulder (India) Pvt. Ltd., of 12 Race Course Road, Bangalore-1, Karnataka, India, an Indian company "CERAMIC TILES", 26th April 1996

Class 8. Nos. 170141 & 170142, Aditya Gupta, an Indian national of Sharda Exports of 219, Railway Station Road, Meerut-250002, India, "CARPET", 9th November 1995.

Class 13. No. 170673, Taurus Merchandising Pvt. Ltd.. an Indian company of E 15, South Extension Part II, New Delhi 49, India, "FURNISHING", 6th February 1996.

Class 13. No. 170641, Mira Singh Akoi, an Indian national of 2 Kasturba Gandhi Marg, New Delhi-110001 India, "FURNISHING", 30th January 1996.

Class 14. Nos. 171306 to 171308, Wooltop Weaves, of 44 Sir C P Ramaswamy Road, Abiramapuram, Madras 18, Tamilnadu, India, a proprietorship firm, "A FABRIC", 10th May 1996.

Class 14. Nos. 171397, Wooltop Weaves, of 44 Sir C P Ramaswamy Road, Abiramapuram, Madras 18, Tamilnadu, India, a proprietorship firm, "A FABRIC", 27th May 1996.

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